

1 / 73

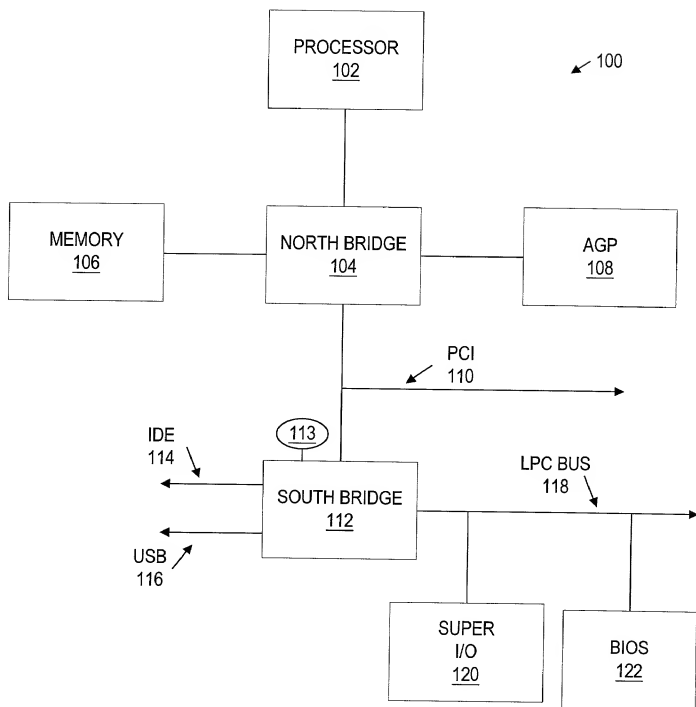


Fig. 1A
(Prior Art)

2 / 73

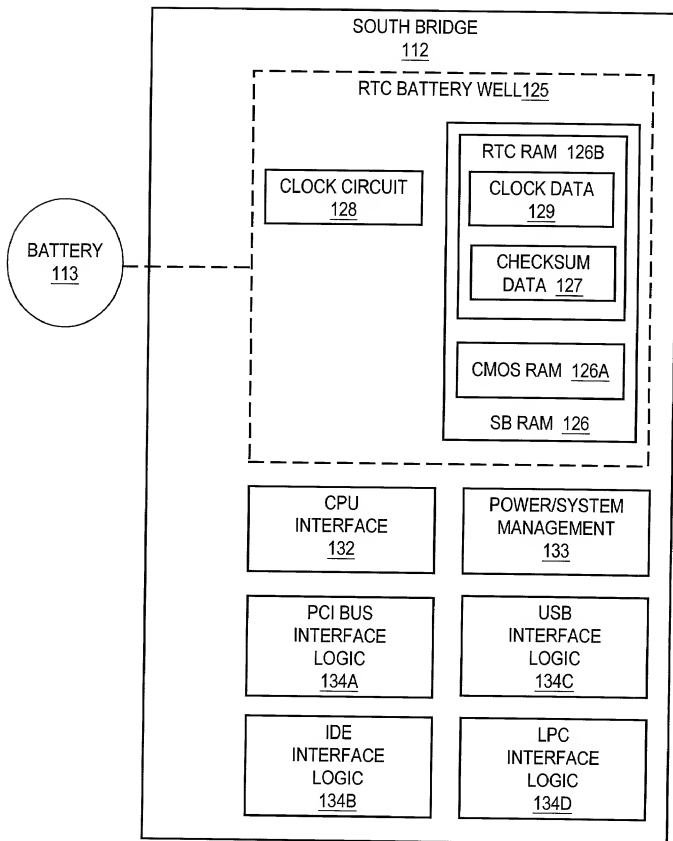


Fig. 1B
(Prior Art)

3 / 73

135

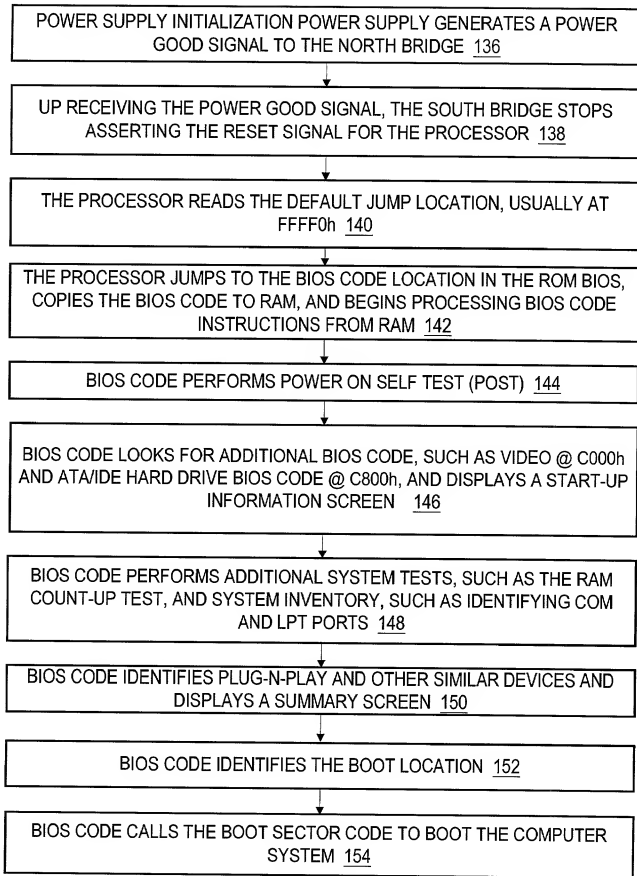


Fig. 2A
(Prior Art)

09871084, 053001

4 / 73

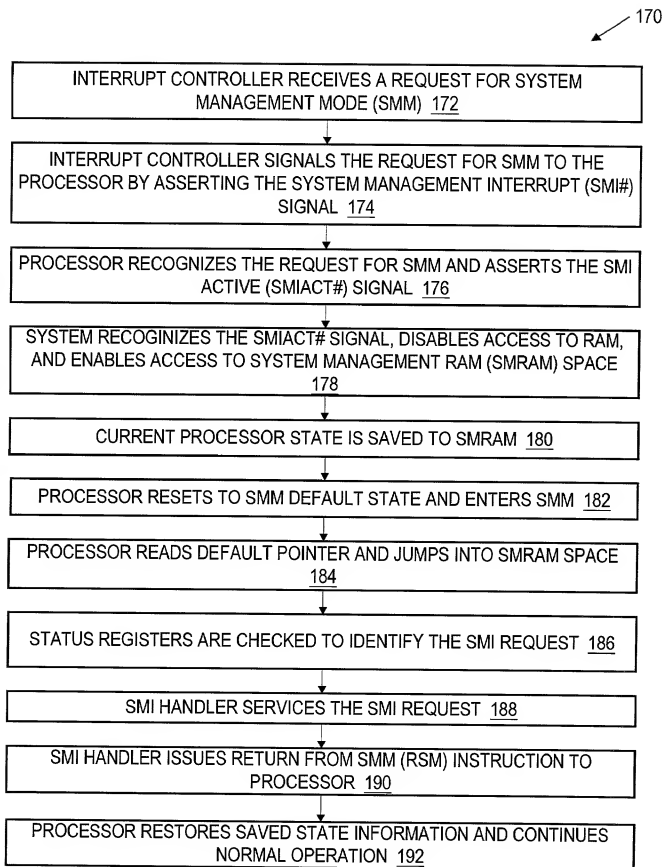


Fig. 2B
(Prior Art)

09871084 053001

5 / 73

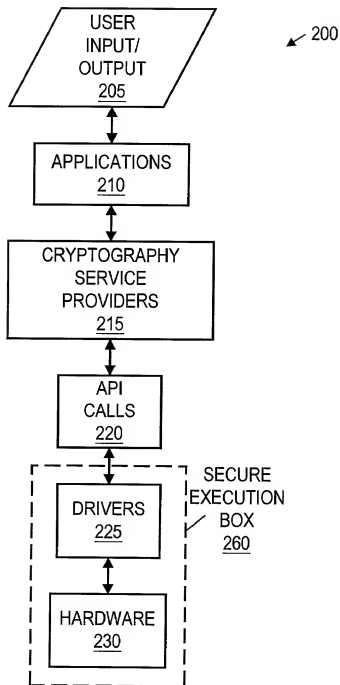
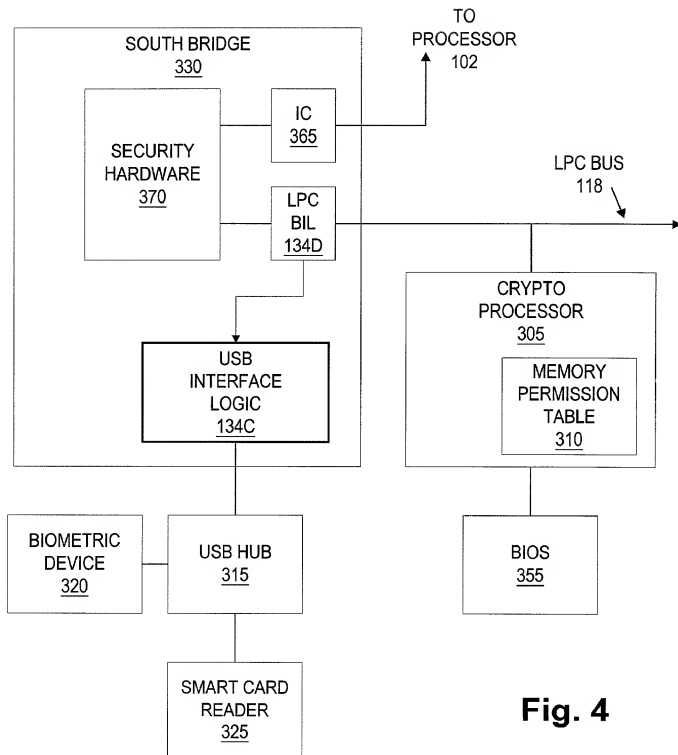


Fig. 3

09871084.052001

6 / 73

**Fig. 4**

09871084-053001

7 / 73

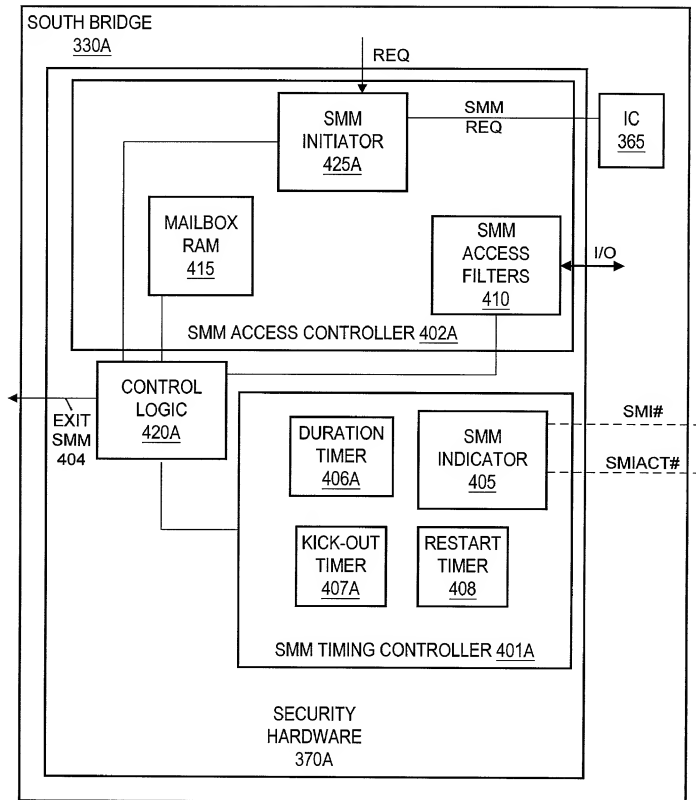


Fig. 5A

8 / 73

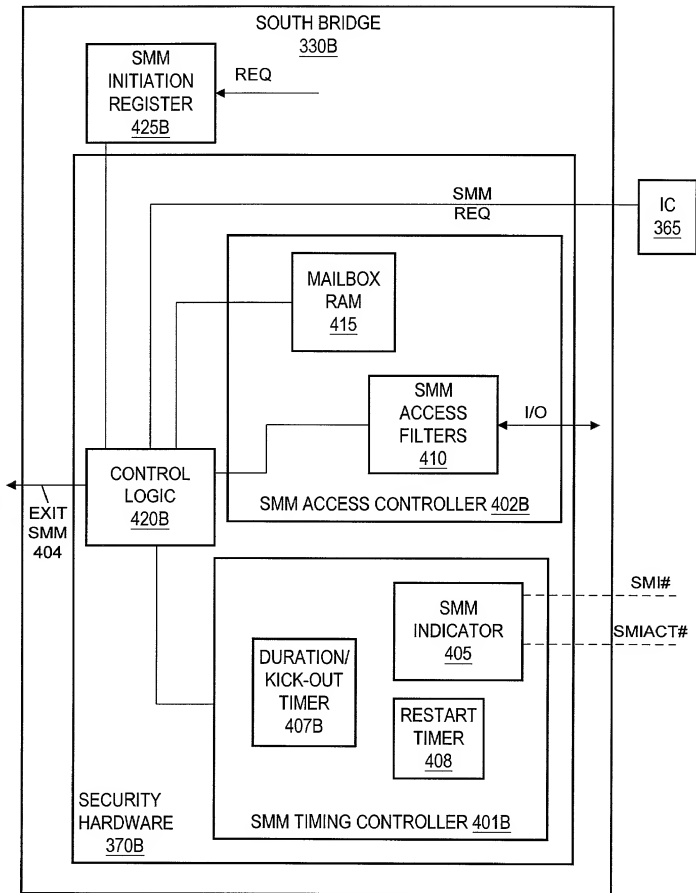


Fig. 5B

09871084-053001

9 / 73

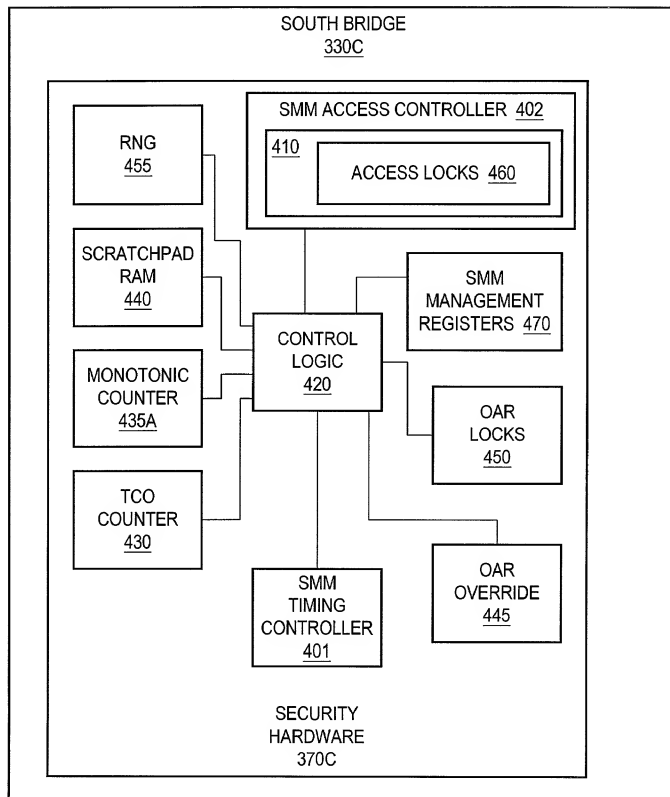


Fig. 6

09871084-053001

10 / 73

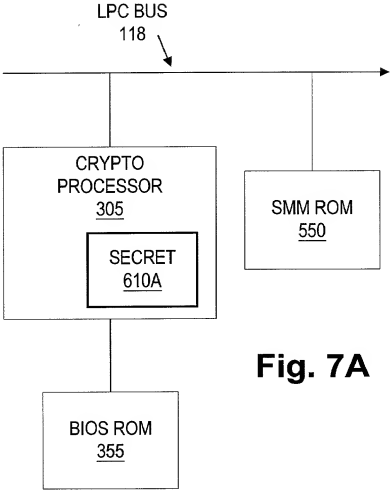


Fig. 7A

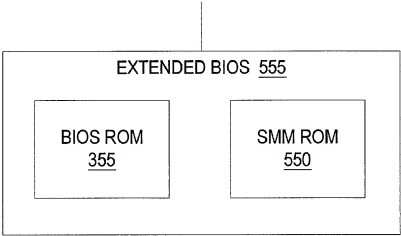


Fig. 7B

09871084-053001

11 / 73

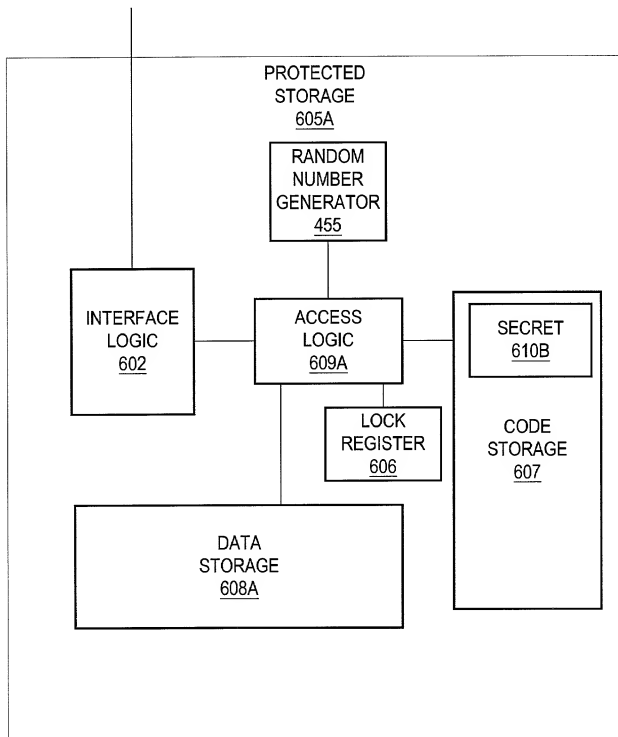


Fig. 7C

09571084-053001

12 / 73

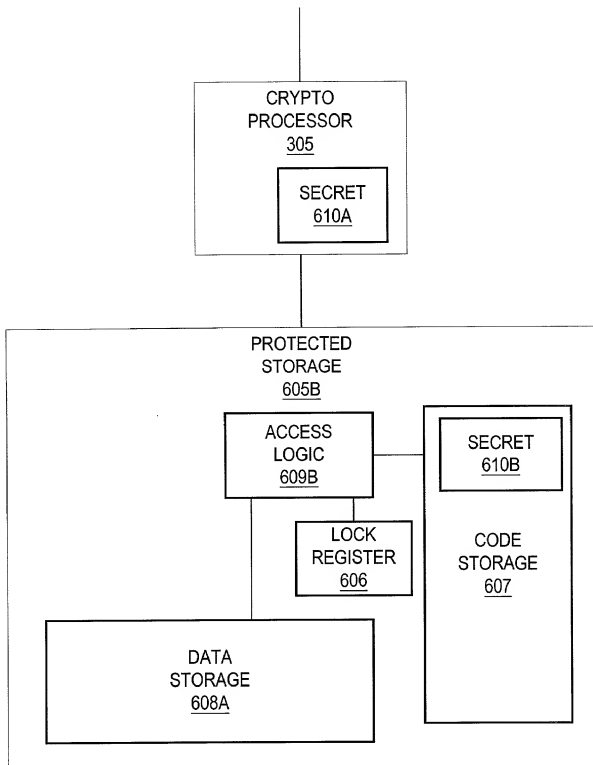


Fig. 7D

09871084 053001

13 / 73

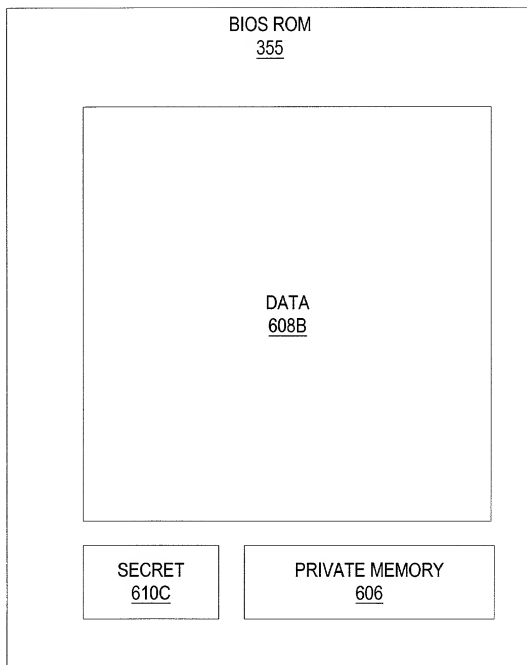


Fig. 8A

09871084.053001

14 / 73

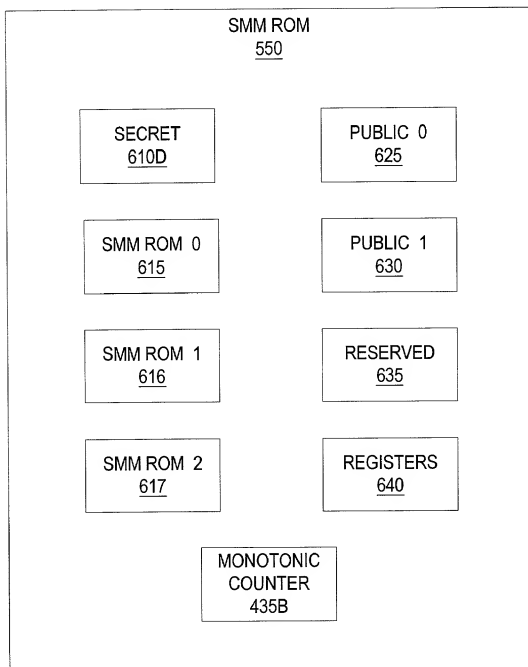


Fig. 8B

09871084-053001

15 / 73

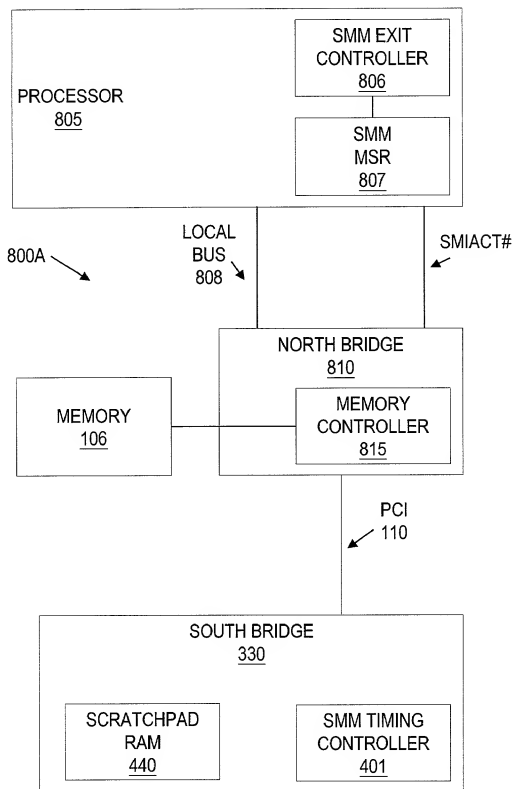


Fig. 9A

09871084-053001

16 / 73

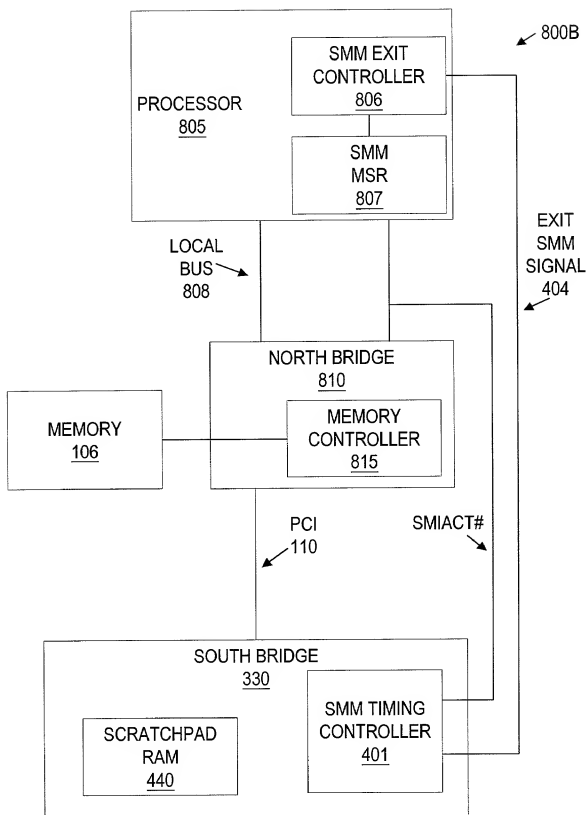
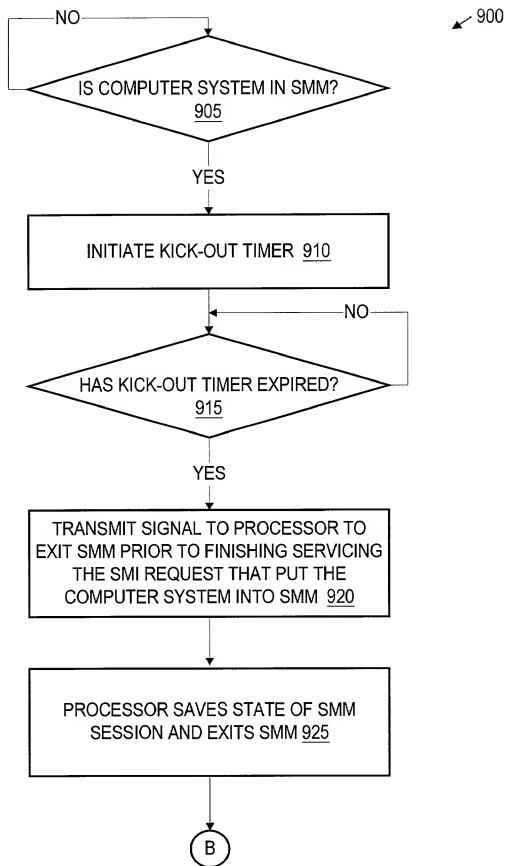


Fig. 9B

09871084-053001

17 / 73



09871084-053001

Fig. 10A

18 / 73

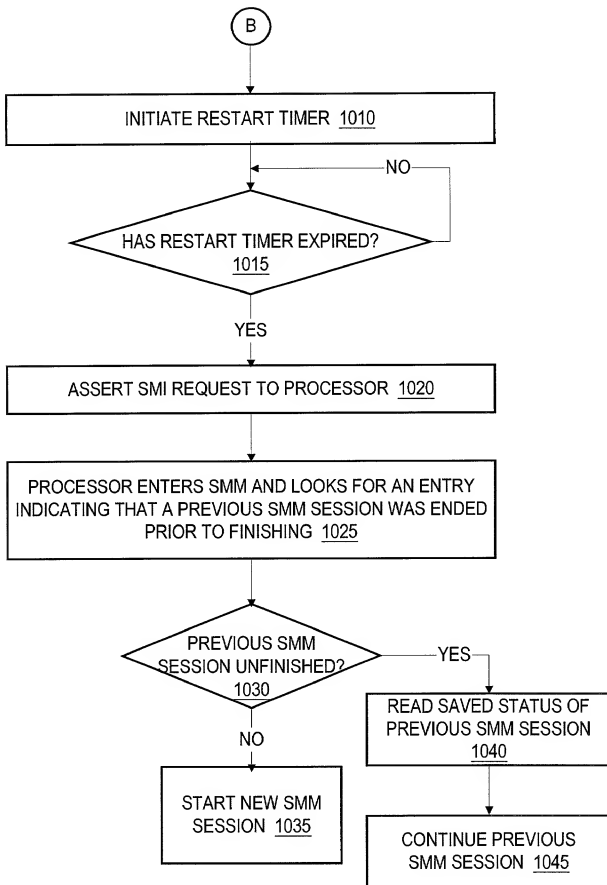


Fig. 10B

19 / 73

1100A

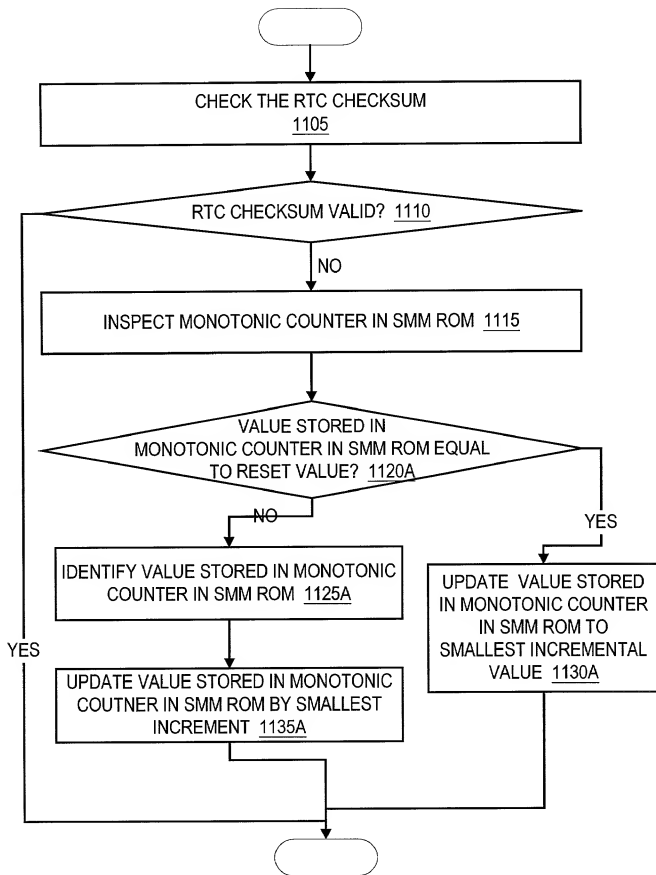


Fig. 11A

20 / 73

1100B

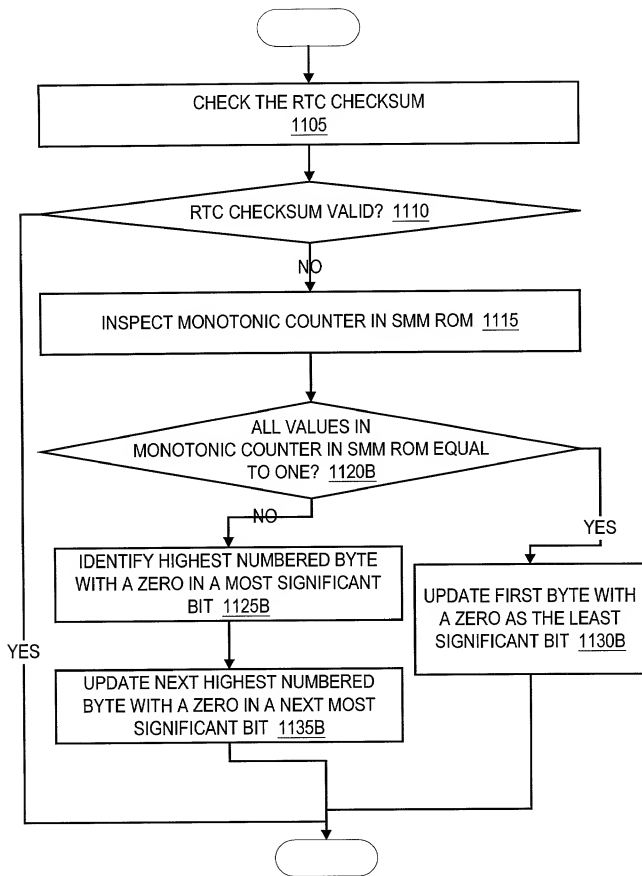


Fig. 11B

21 / 73

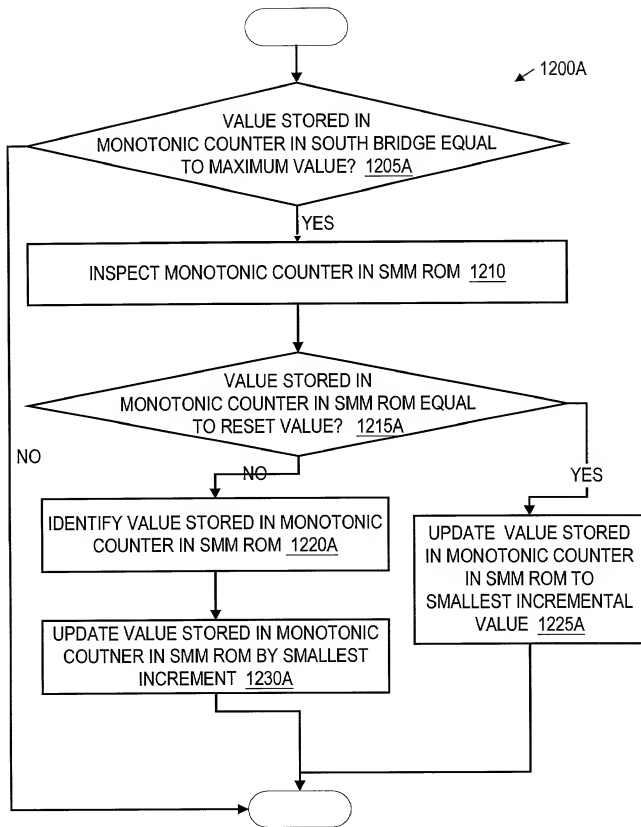


Fig. 12A

22 / 73

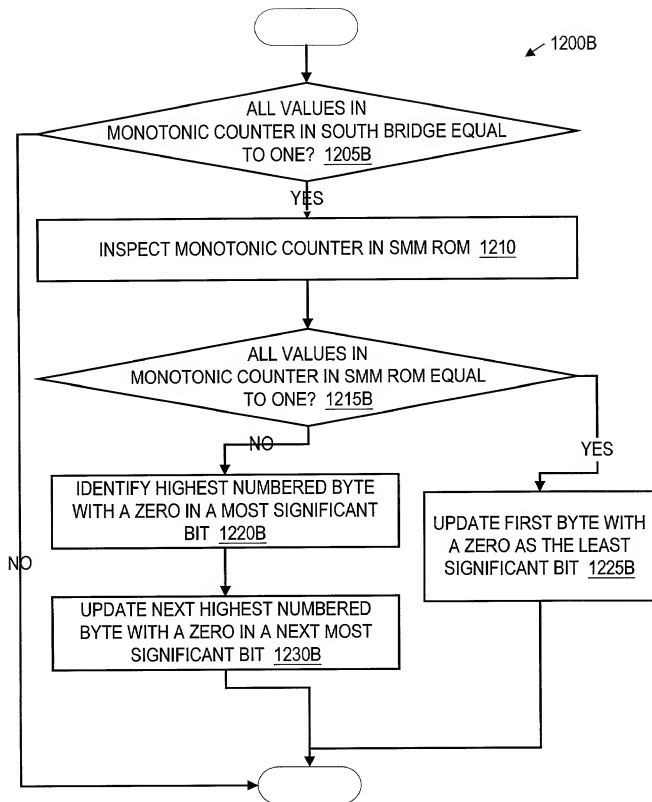


Fig. 12B

23 / 73

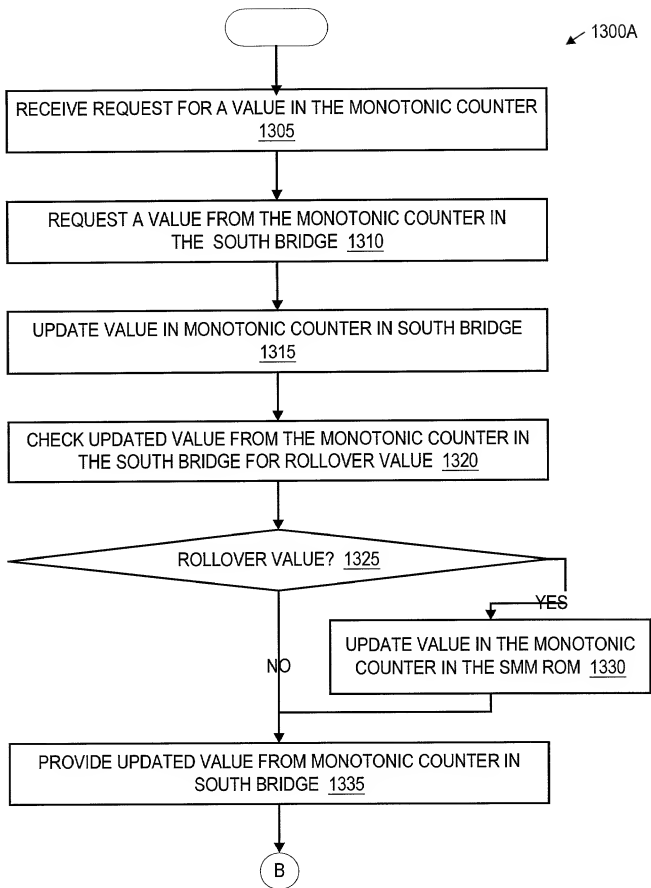


Fig. 13A

24 / 73

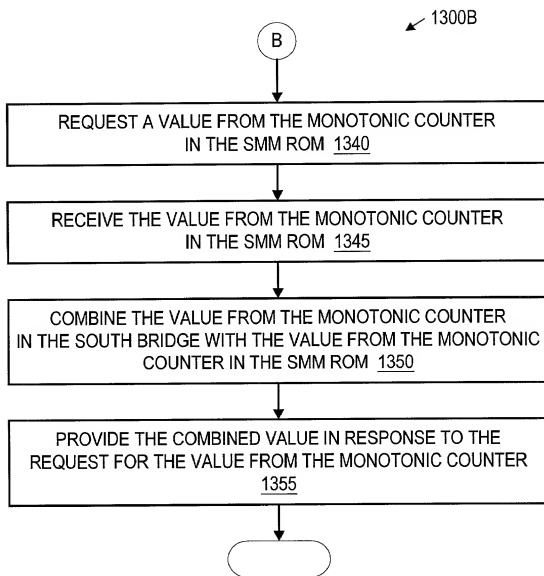


Fig. 13B

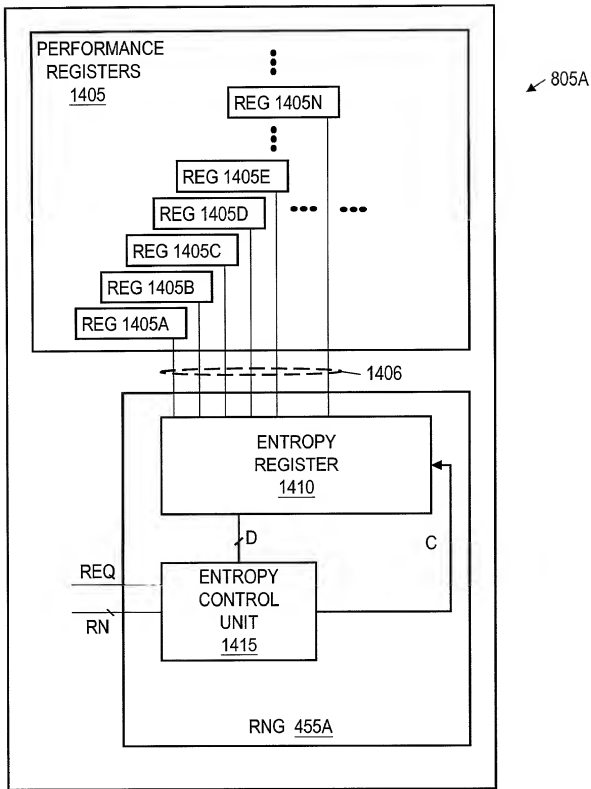


Fig. 14A

09871084-053001

26 / 73

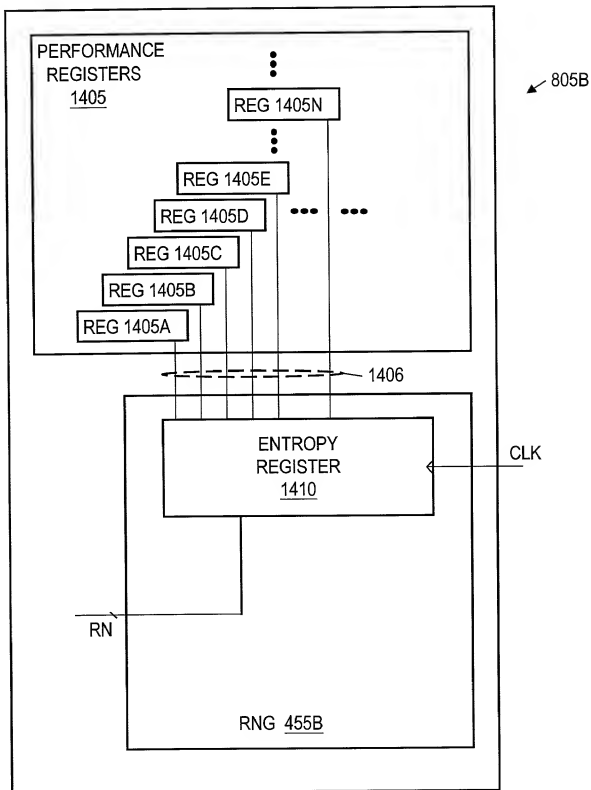


Fig. 14B

27 / 73

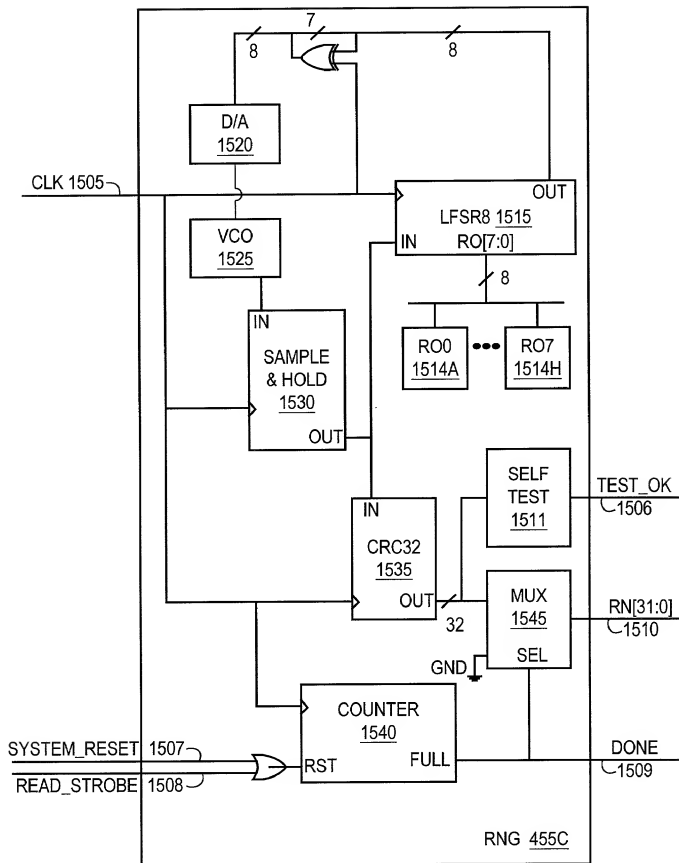


Fig. 15

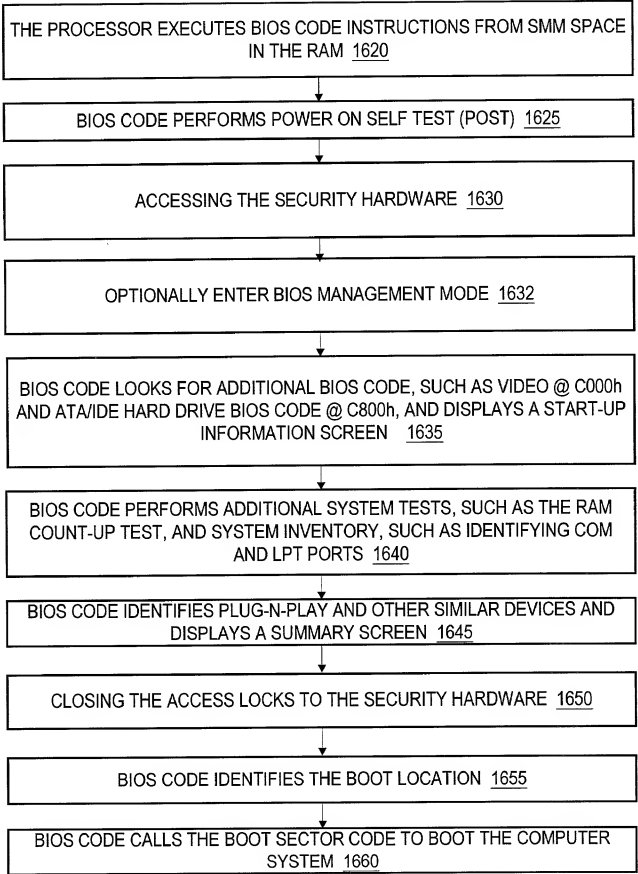


Fig. 16A

00871084 053001 100250 1601286

29 / 73

1600B

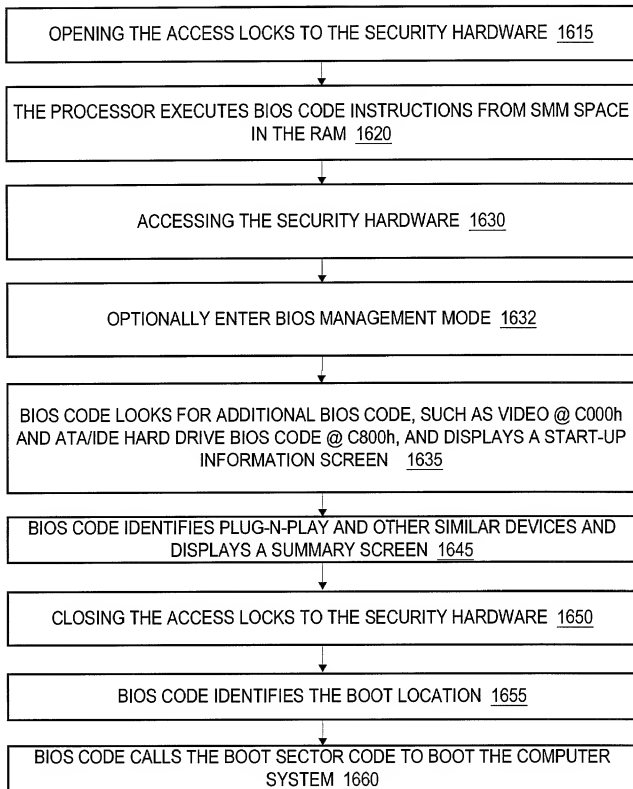


Fig. 16B

30 / 73

1600C

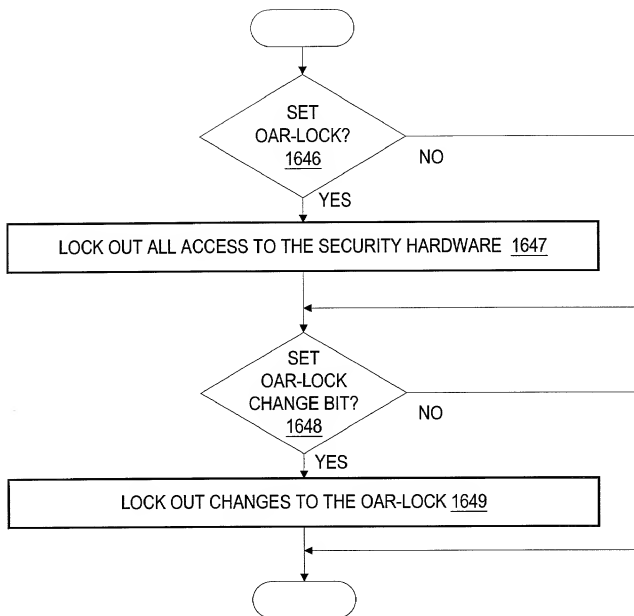


Fig. 16C

31 / 73

1600D

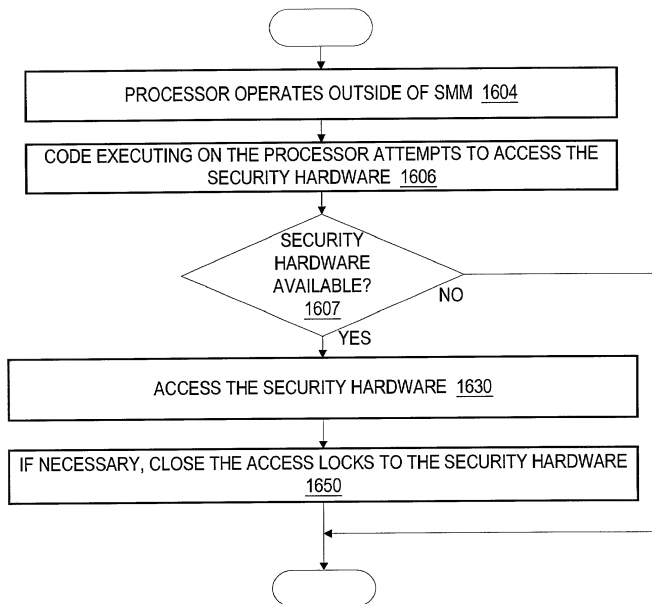


Fig. 16D

32 / 73

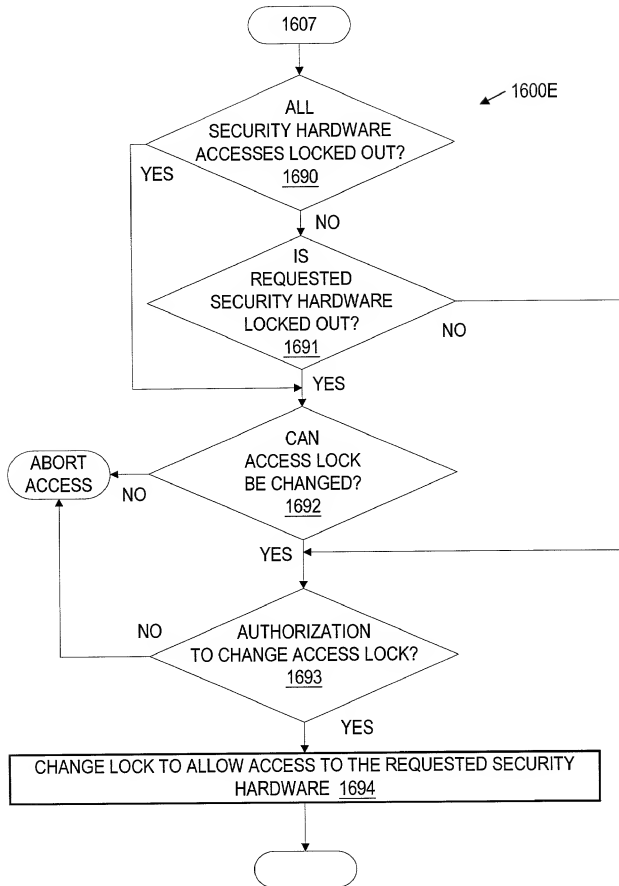


Fig. 16E

33 / 73

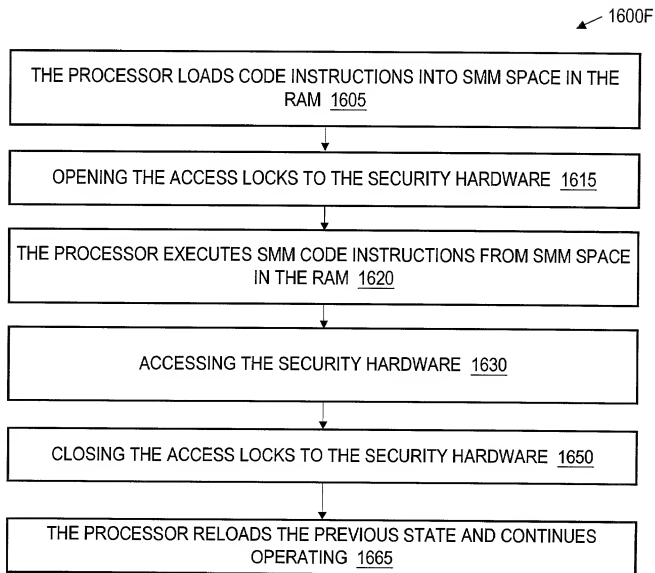


Fig. 16F

1600G

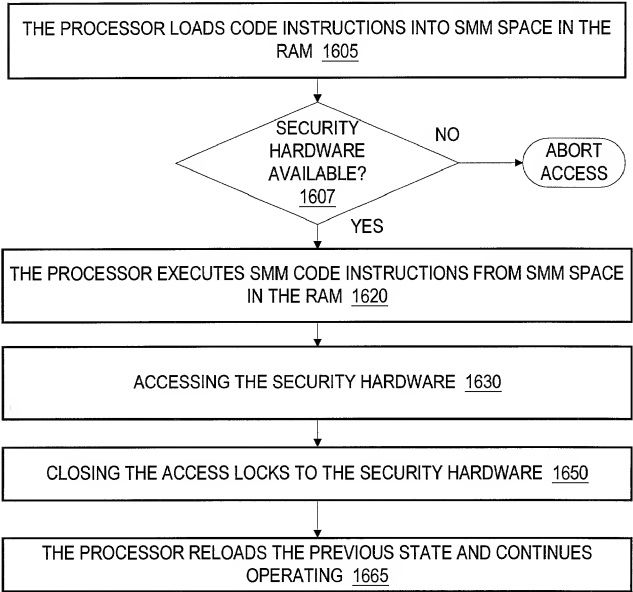


Fig. 16G

35 / 73

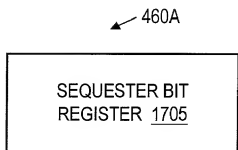


Fig. 17A



Fig. 17B

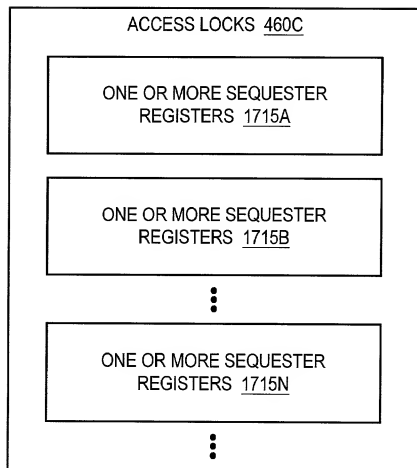


Fig. 17C

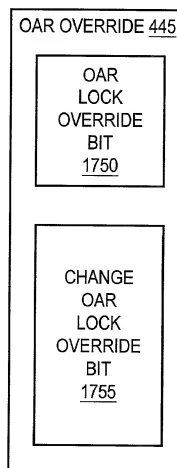


Fig. 17D

09871084 053001
100590 18017860

36 / 73

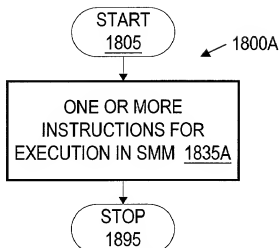


Fig. 18A
PRIOR ART

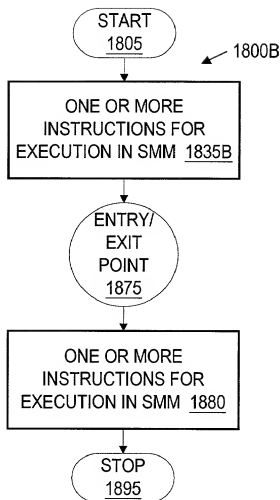


Fig. 18B

09871084-053001

37 / 73

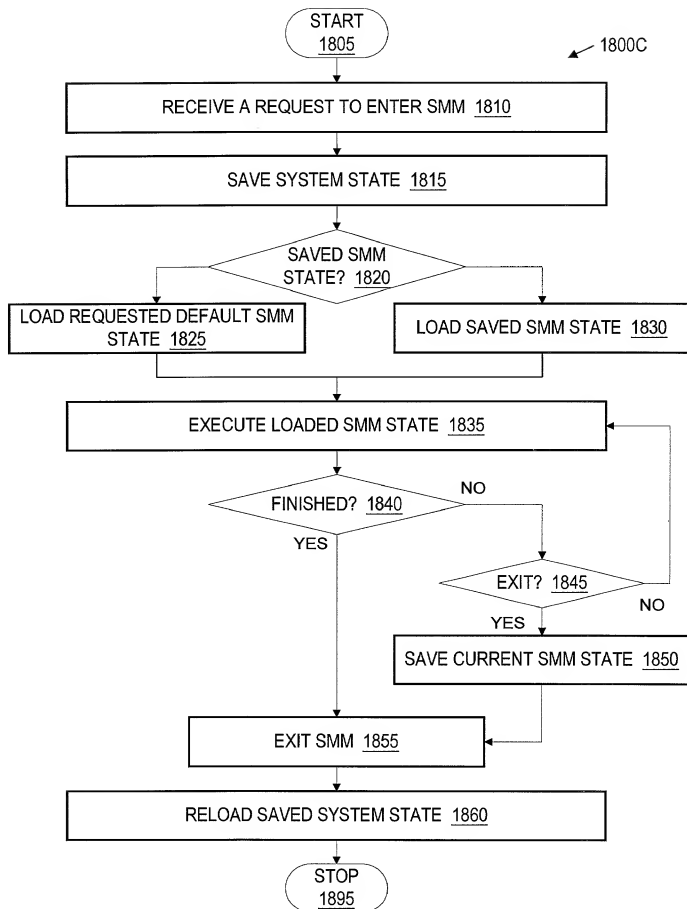


Fig. 18C

38 / 73

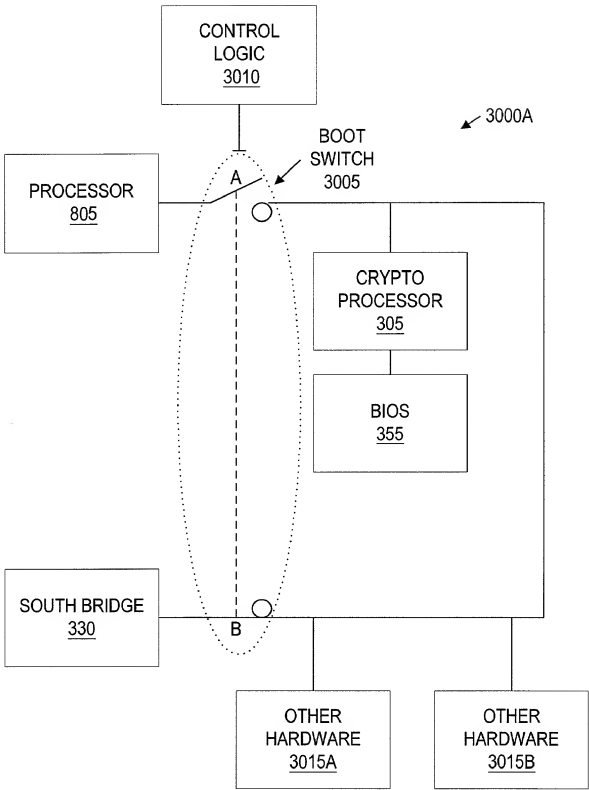


Fig. 19A

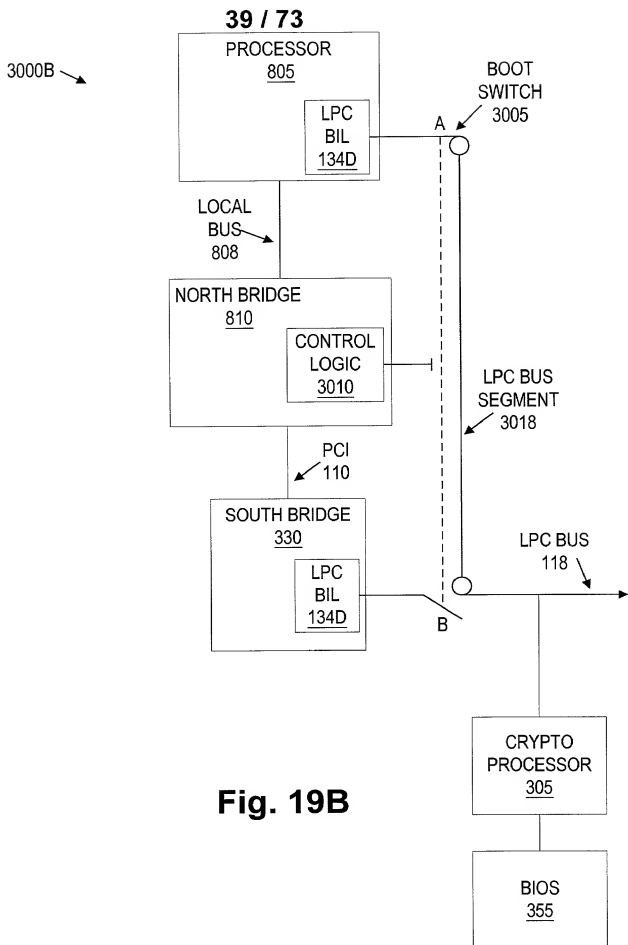


Fig. 19B

09871084-053001

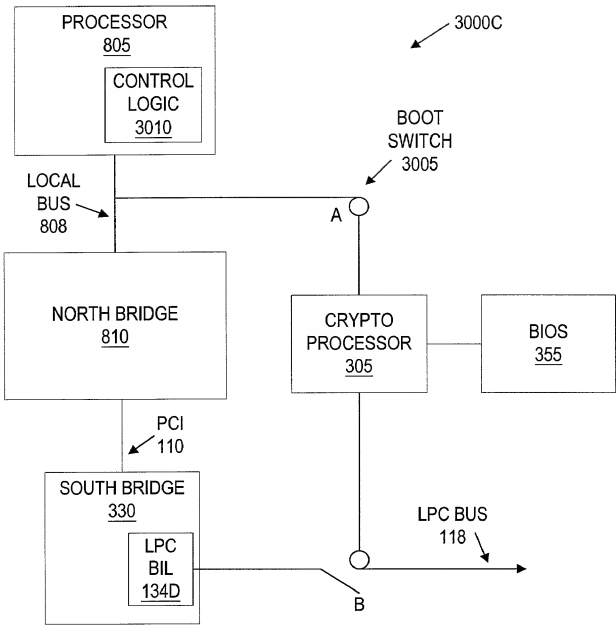


Fig. 19C

09871084-053001

41 / 73

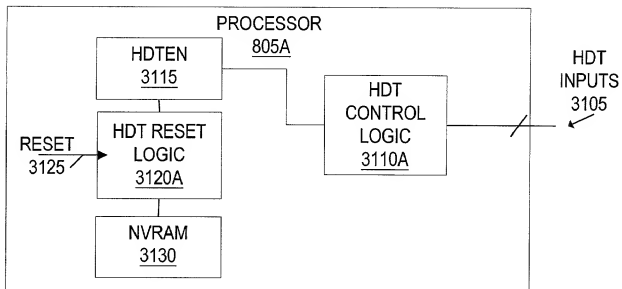


Fig. 20A

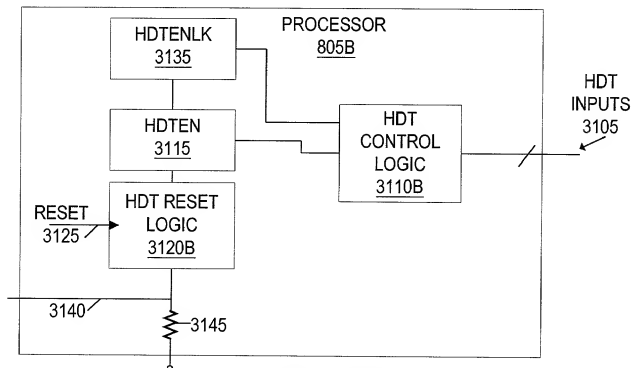


Fig. 20B

09871084-053001

42 / 73

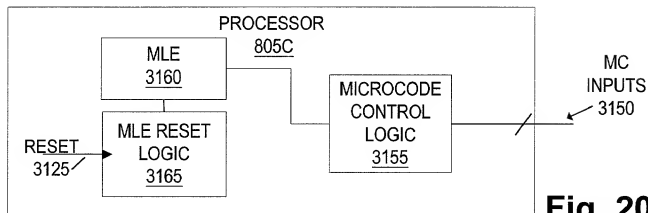


Fig. 20C

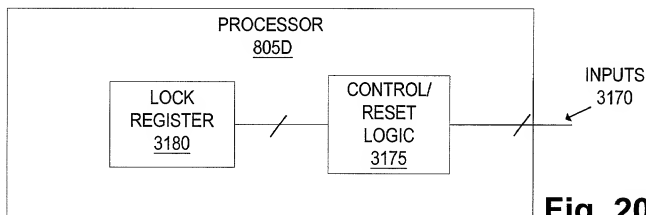


Fig. 20D

09871084-053001

43 / 73

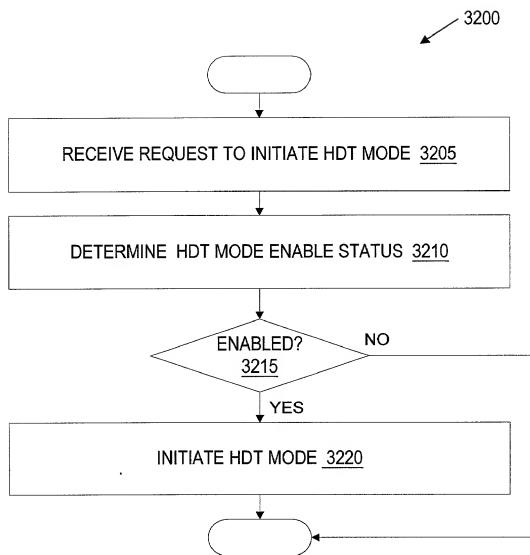


Fig. 21

09871084-053001

44 / 73

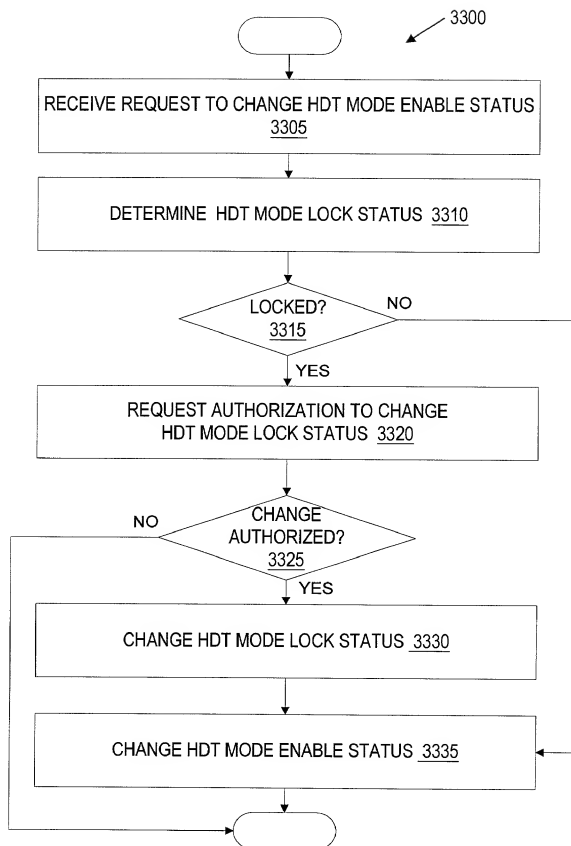


Fig. 22

45 / 73

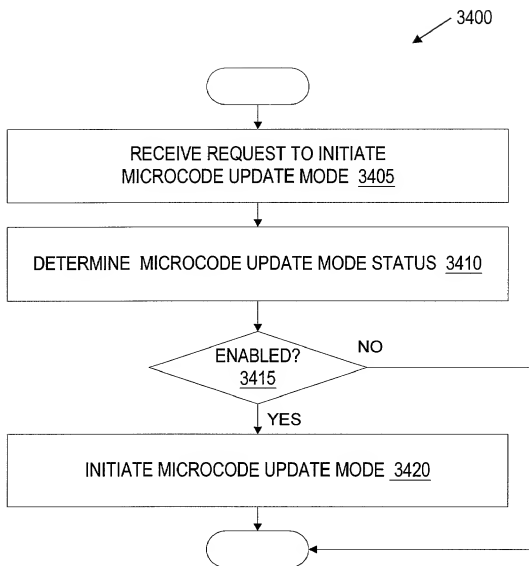


Fig. 23

09871084-053001

46 / 73

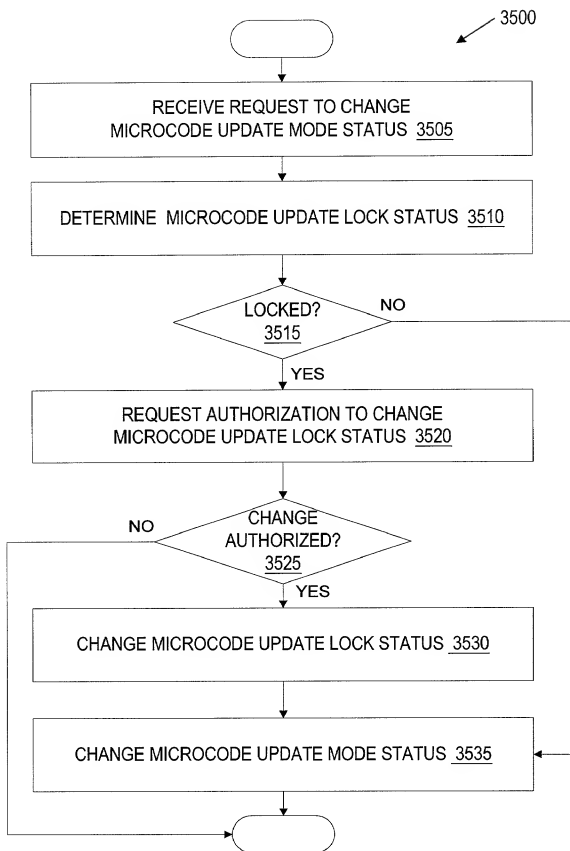


Fig. 24

47 / 73

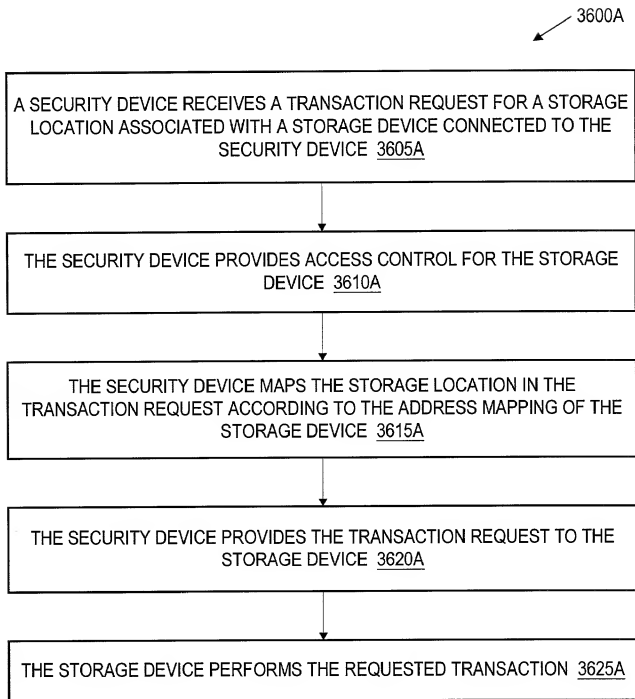


Fig. 25A

48 / 73

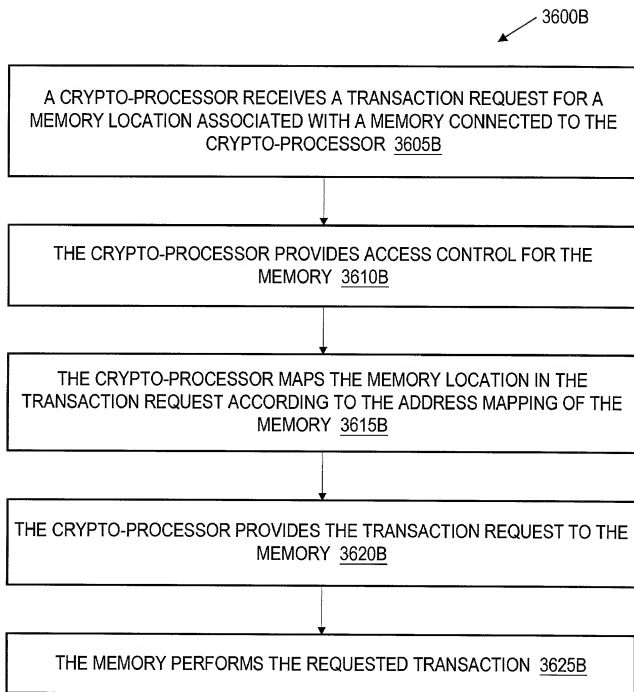


Fig. 25B

49 / 73

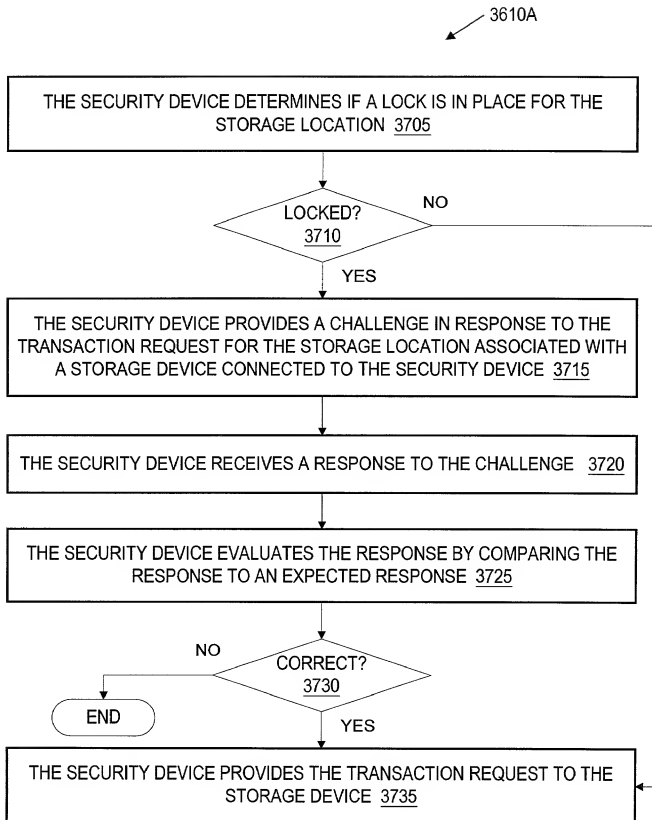
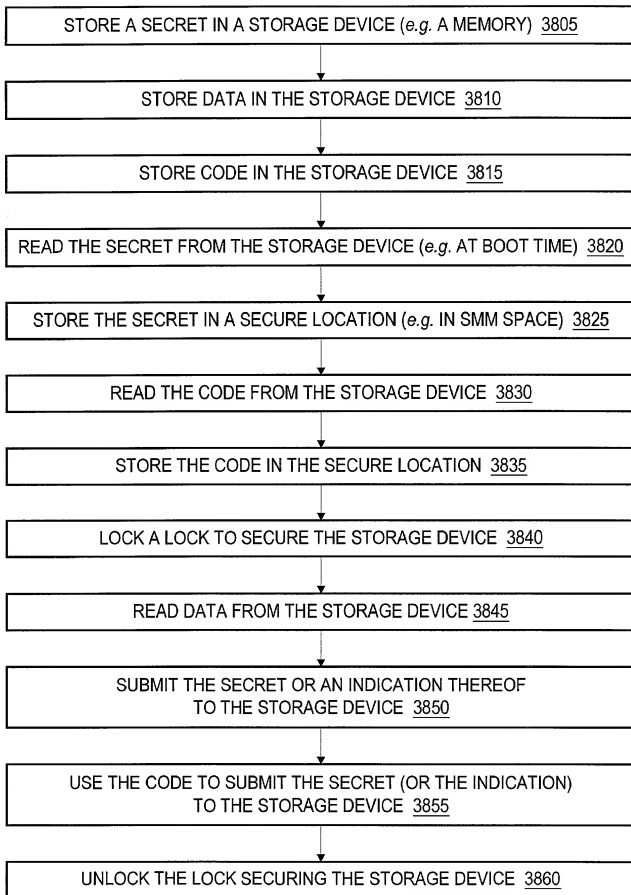


Fig. 26

50 / 73

3620

**Fig. 27**

09871084-053001

51 / 73

3900

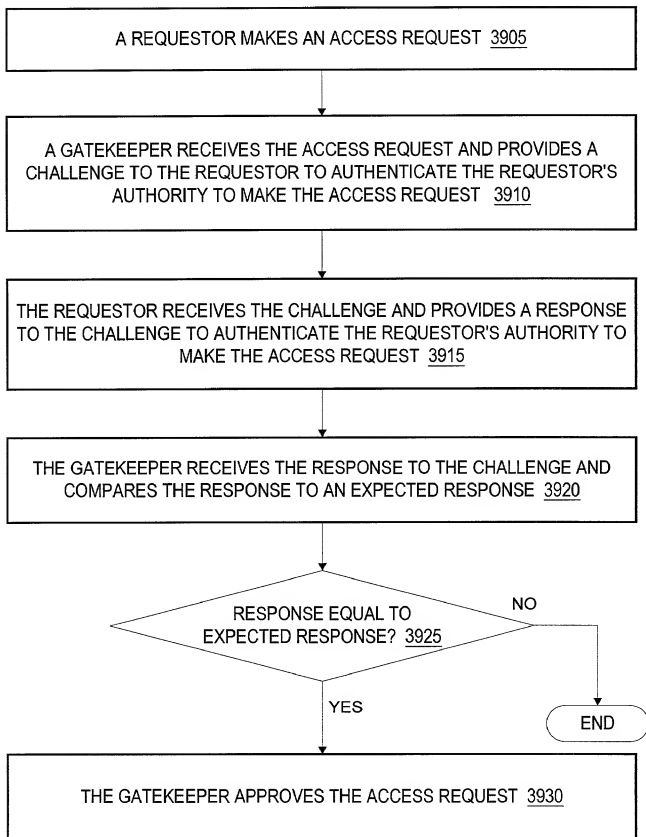


Fig. 28
(Prior Art)

52 / 73

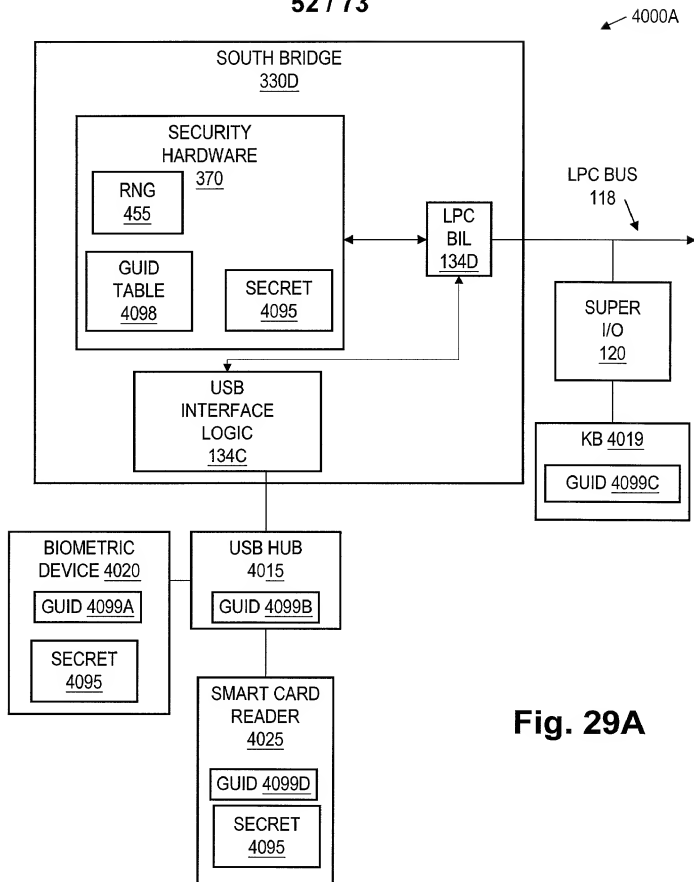


Fig. 29A

09871084-053001

53 / 73

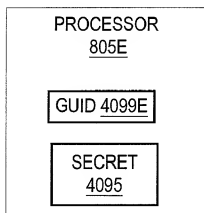


Fig. 29B

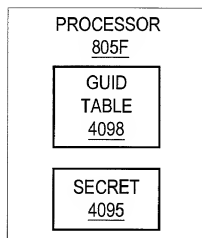


Fig. 29C

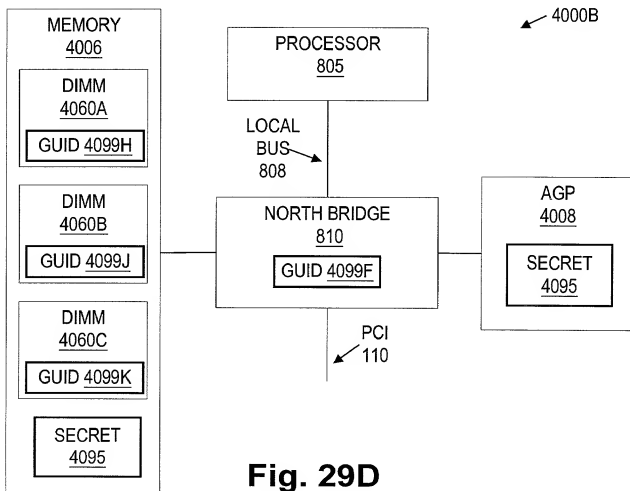


Fig. 29D

09871084-053001

54 / 73

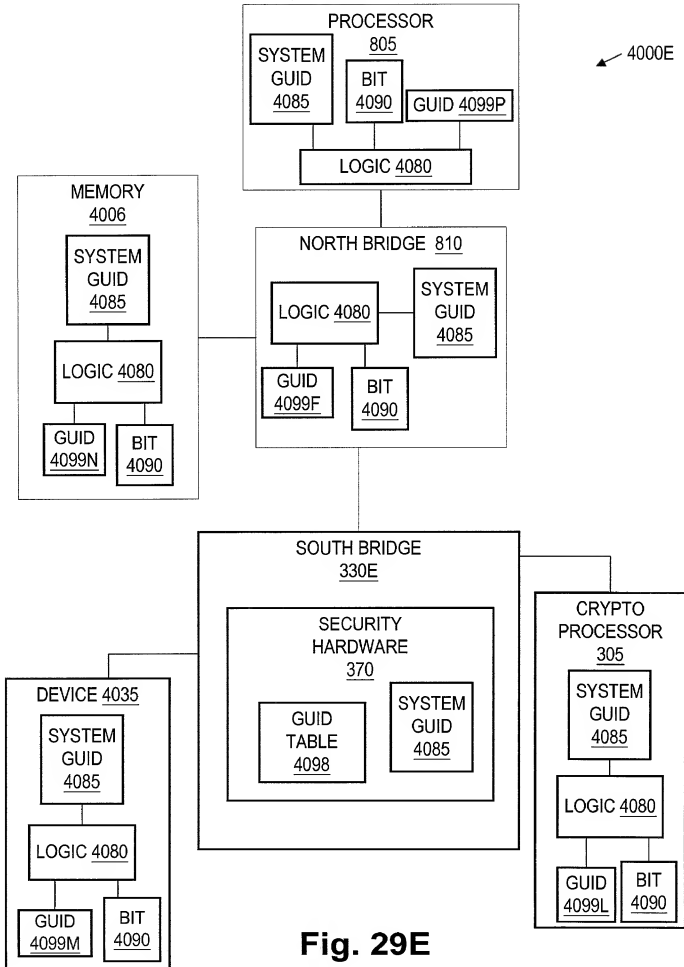


Fig. 29E

09871084-053001

55 / 73

4100A

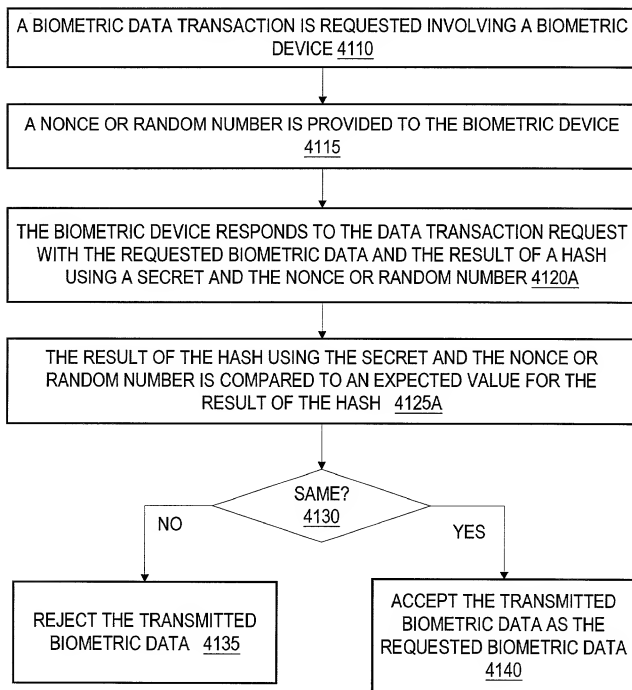


Fig. 30A

56 / 73

4100B

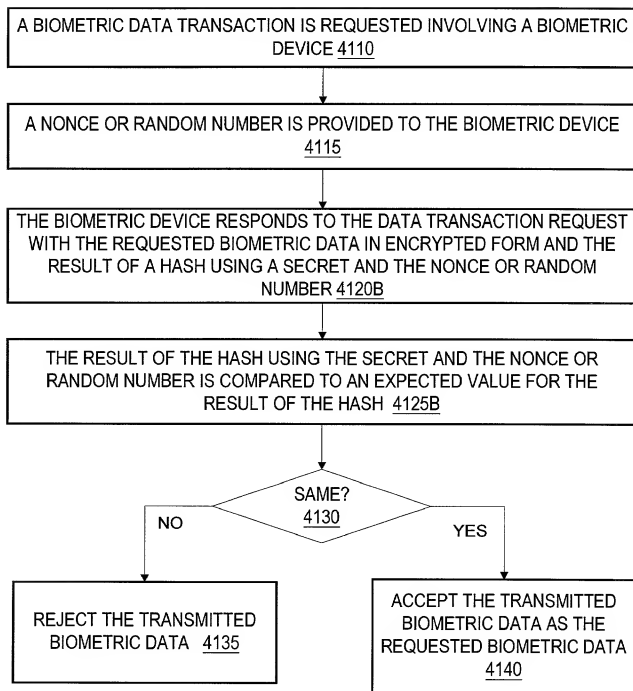


Fig. 30B

57 / 73

4200A

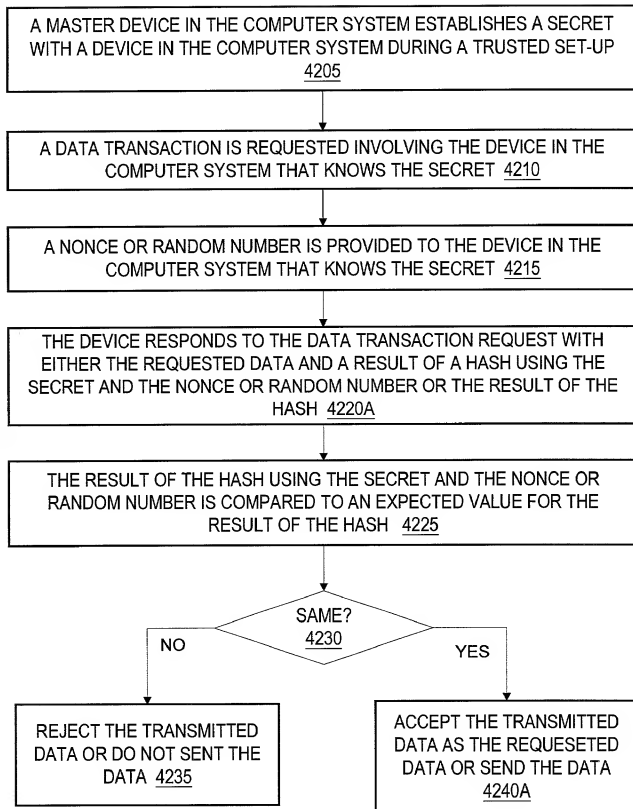


Fig. 31A

58 / 73

4200B

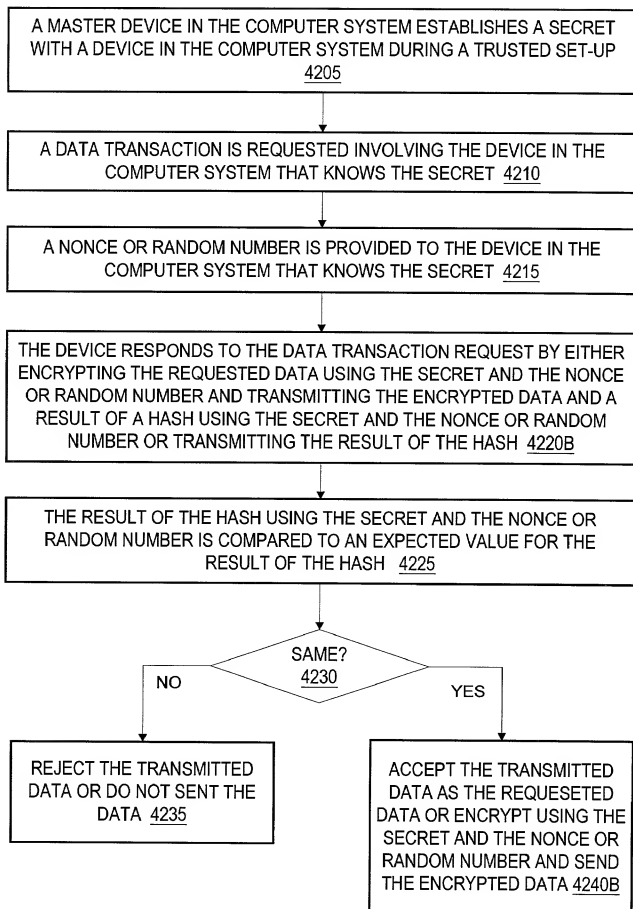


Fig. 31B

59 / 73

4300A

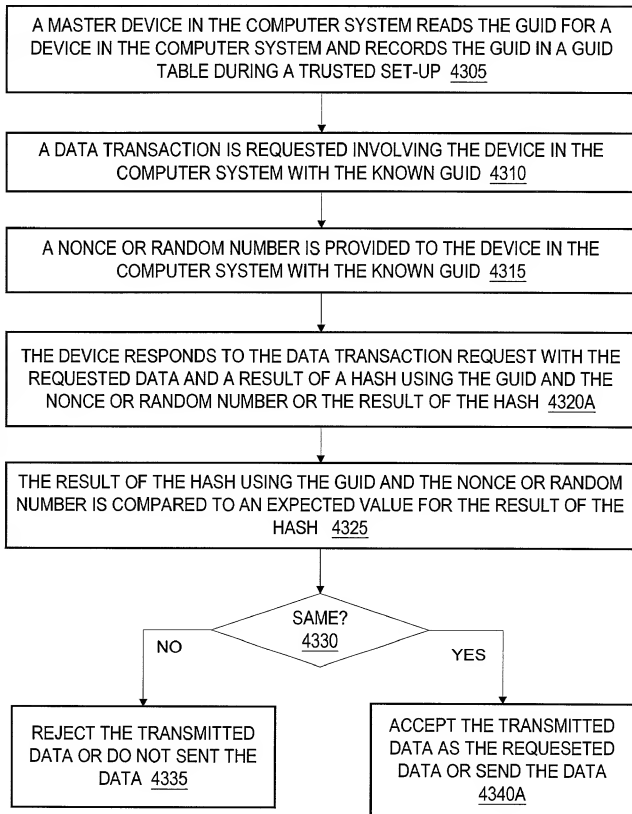


Fig. 32A

60 / 73

4300B

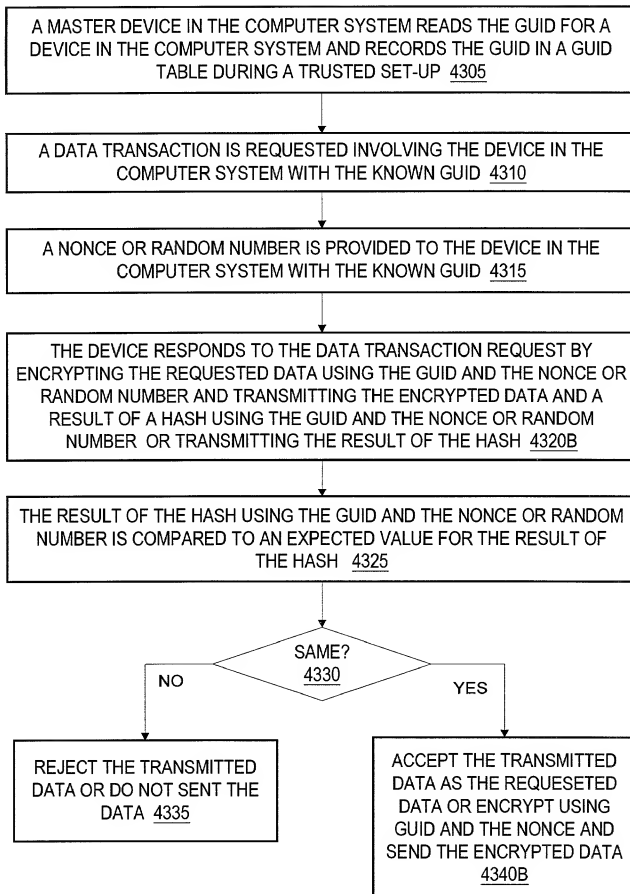


Fig. 32B

61 / 73

4300C

A MASTER DEVICE IN THE COMPUTER SYSTEM READS THE GUID FOR A DEVICE IN THE COMPUTER SYSTEM, RECORDS THE GUID IN A GUID TABLE, AND TRANSMITS A SECRET TO THE DEVICE DURING A TRUSTED SET-UP

4306

A DATA TRANSACTION IS REQUESTED INVOLVING THE DEVICE IN THE COMPUTER SYSTEM WITH THE KNOWN GUID THAT KNOWS THE SECRET

4311

A NONCE OR RANDOM NUMBER IS PROVIDED TO THE DEVICE IN THE COMPUTER SYSTEM WITH THE KNOWN GUID THAT KNOWS THE SECRET

4316

THE DEVICE RESPONDS TO THE DATA TRANSACTION REQUEST BY ENCRYPTING THE REQUESTED DATA USING THE SECRET, THE GUID, AND THE NONCE OR RANDOM NUMBER AND TRANSMITTING THE ENCRYPTED DATA AND A RESULT OF A HASH USING THE SECRET, THE GUID, AND THE NONCE OR RANDOM NUMBER OR TRANSMITTING THE RESULT OF THE HASH

4320C

THE RESULT OF THE HASH USING THE SECRET, THE GUID, AND THE NONCE OR RANDOM NUMBER IS COMPARED TO AN EXPECTED VALUE FOR THE RESULT OF THE HASH

4326

SAME?

4330

NO

YES

REJECT THE TRANSMITTED DATA OR DO NOT SENT THE DATA

4335

ACCEPT THE TRANSMITTED DATA AS THE REQUESTED DATA OR ENCRYPT USING THE SECRET, THE GUID, AND THE NONCE AND SEND THE ENCRYPTED DATA

4340C

Fig. 32C

09871084.053001

62 / 73

4400

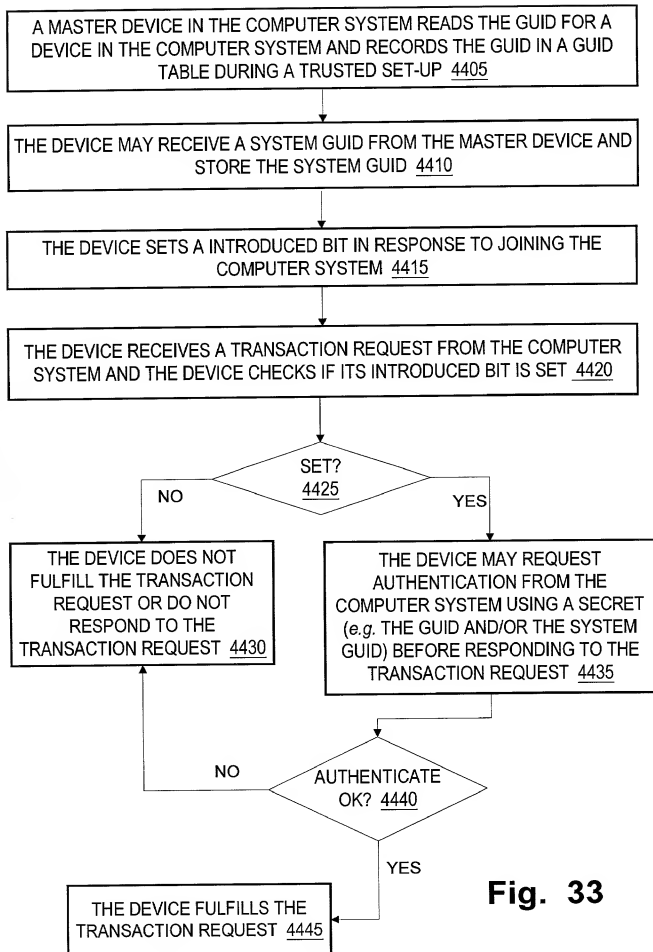


Fig. 33

09871084-053001

63 / 73

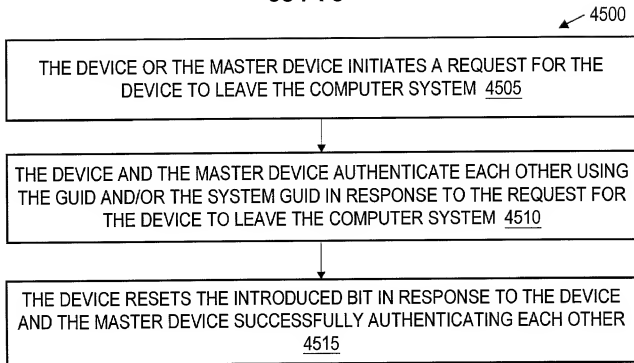


Fig. 34

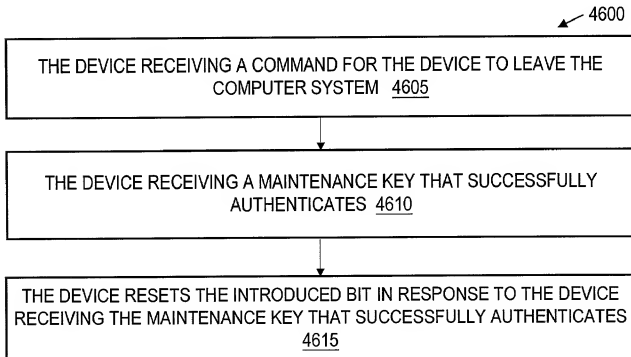
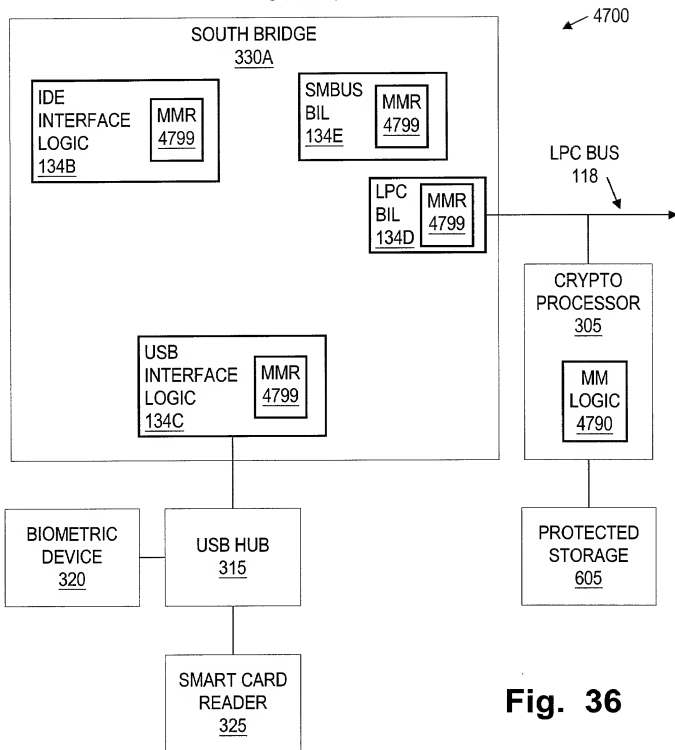


Fig. 35

00671084, 053001
100250, 1807260

64 / 73

**Fig. 36**

09871084-053001

65 / 73

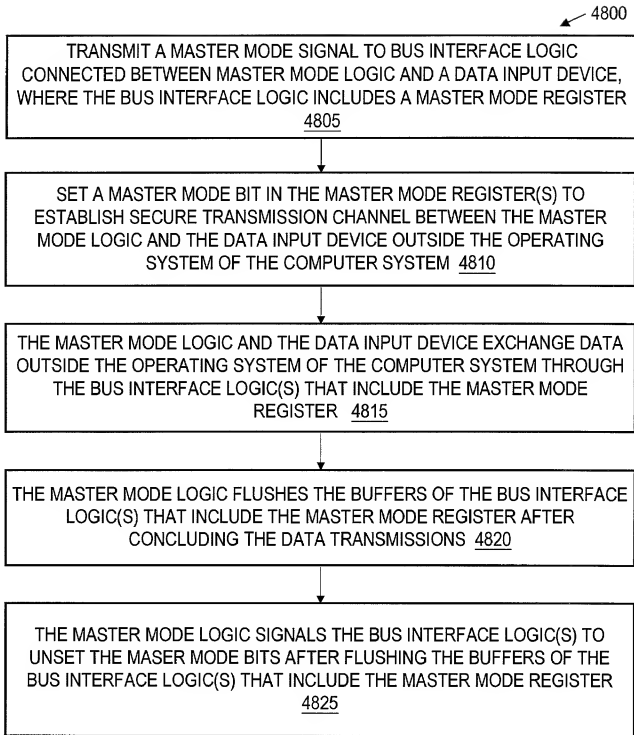


Fig. 37

09871084.053001

66 / 73

4900A

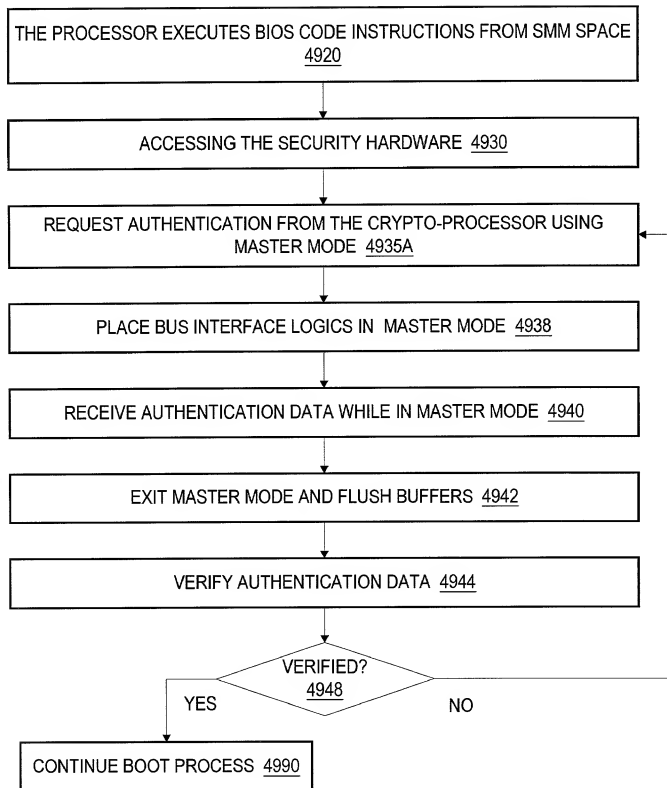


Fig. 38A

67 / 73

4900B

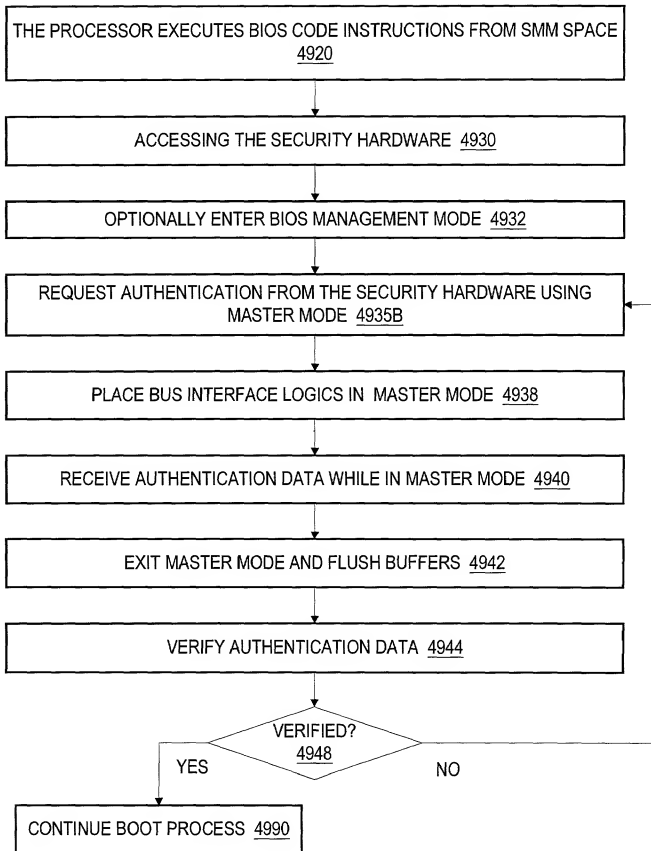


Fig. 38B

68 / 73

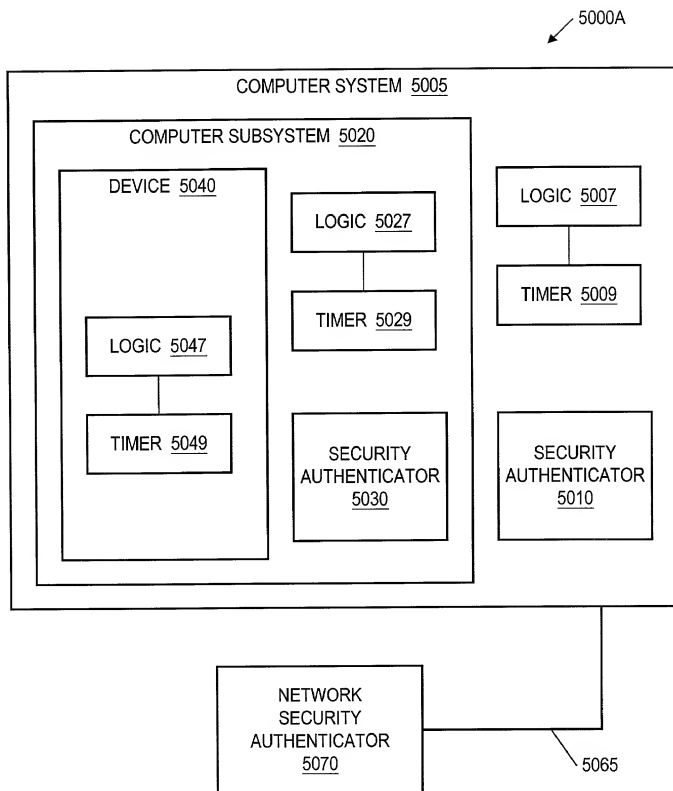


Fig. 39A

69 / 73

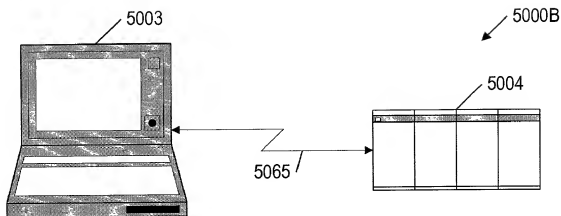


Fig. 39B

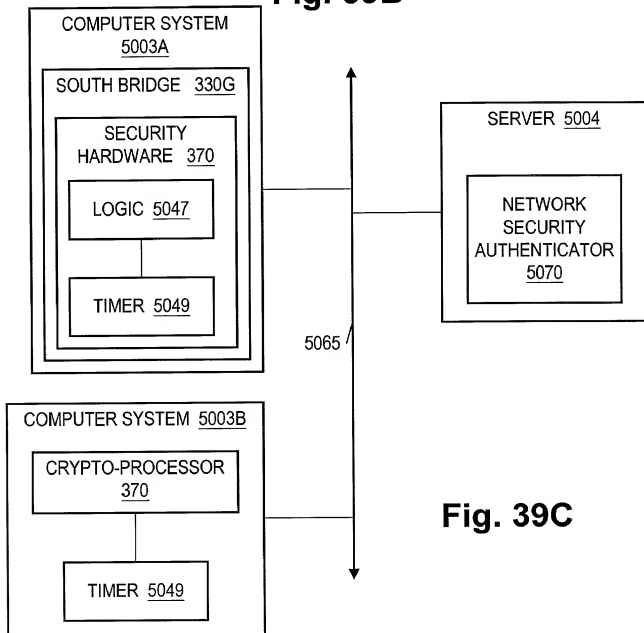


Fig. 39C

09871084.053001

70 / 73

5100A

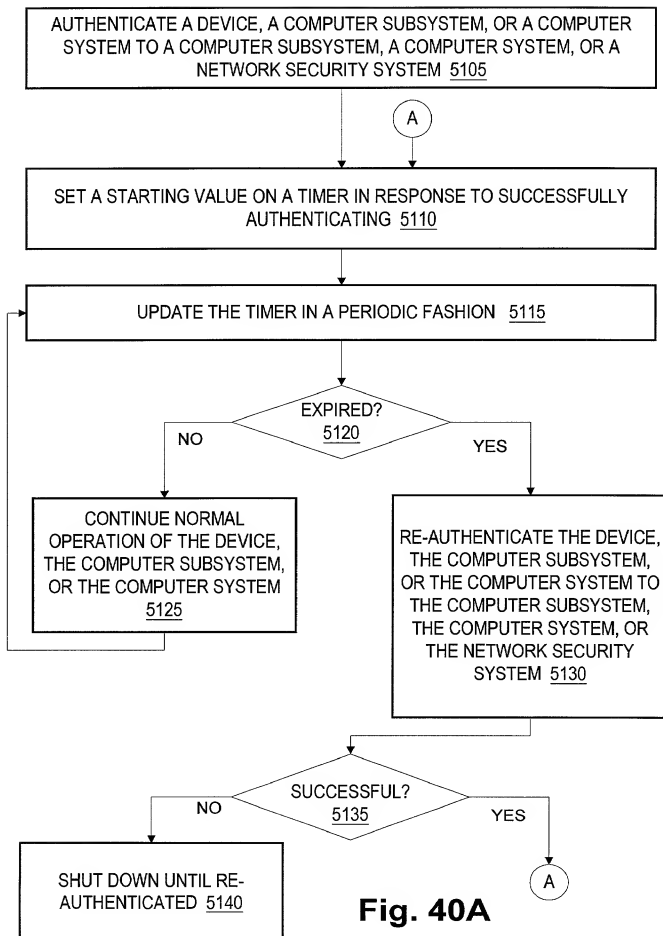


Fig. 40A

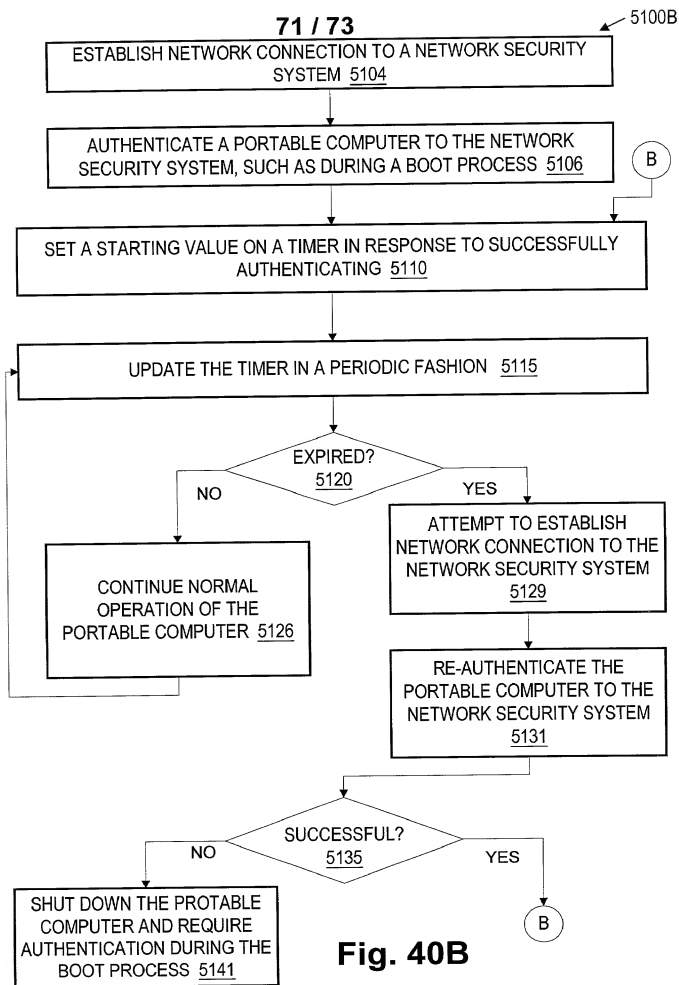


Fig. 40B

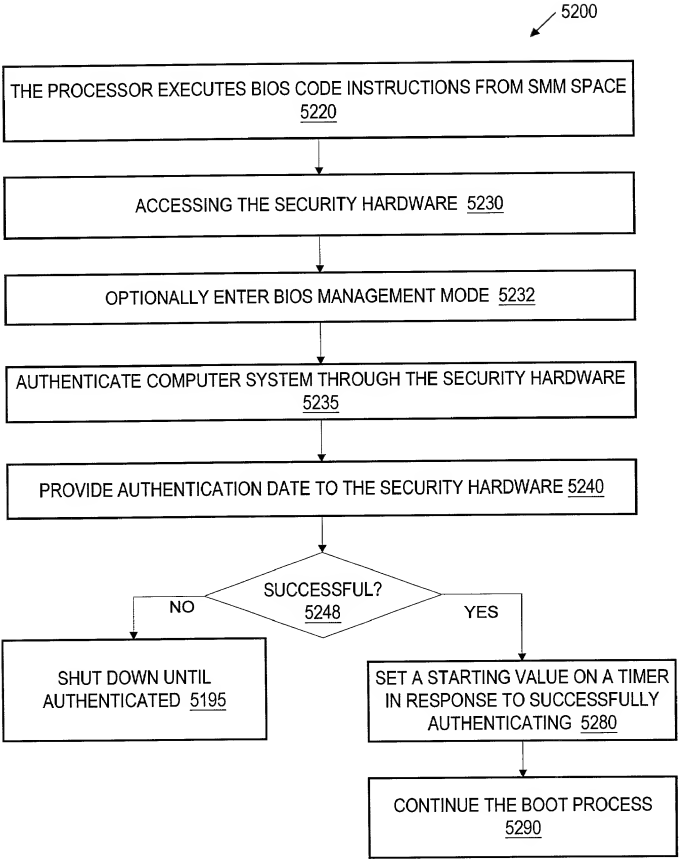


Fig. 41

73 / 73

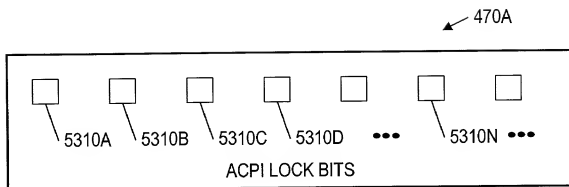


Fig. 42A

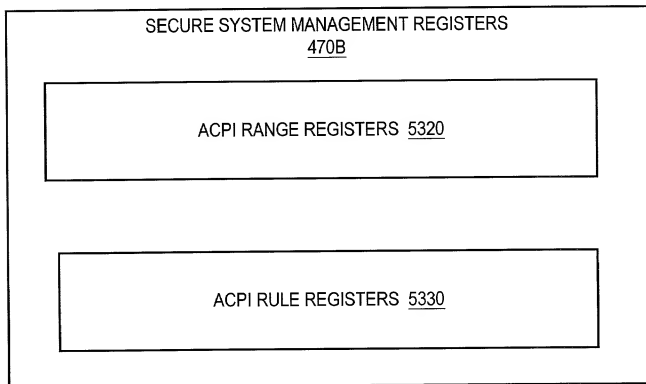


Fig. 42B

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